

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
(11) WO 03/086040 (13) A2
(21) PCT/IB03/01314
(22) 8 Jan/jan 2003 (08.01.2003)
(25) en (26) en
(30) 10/124,833 18 Apr/avr 2002 US (18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • HUMAN BODY SUPPORT STRUCTURE
• STRUCTURE DE SUPPORT DE CORPS HUMAIN
(71, 72) THEOSABRATA, Yos, Soetanto [ID/ID]; JL Kav. Polri Blck D141205, Jakarta 11460 (ID). THEOSABRATA, Leonard [ID/US]; 16967 Encino Hills Drive, Encino, CA 91436 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
- (51) Not classified / non classée
(11) WO 03/086041 (13) A2
(21) PCT/US03/11457
(22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 60/371,802 11 Apr/avr 2002 US (11.04.2002)
(30) 60/420,269 22 Oct/oct 2002 US (22.10.2002)
(30) 60/420,291 22 Oct/oct 2002 US (22.10.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • BINDING AGENTS AND THEIR USE IN TARGETING TUMOR CELLS
• AGENTS DE LIAISON ET LEUR UTILISATION DANS LE CIBLAGE DE CELLULES TUMORALES
(71) ALTAREX CORPORATION [US/US]; 1601 Trapelo Road, Suite 350, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ENG, Hubert [CA/CA]; 3908-121 Street, Edmonton, AB T6J 1Y3 (CA). SCHULTES, Birgit, C. [DE/US]; 12 Monadnock Road, Arlington, MA 02476 (US).
(74) VINCENT, Matthew, P. et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A01B
(11) WO 03/086042 (13) A2
(21) PCT/US03/10491
(22) 3 Apr/avr 2003 (03.04.2003)
(25) en (26) en
(30) 60/369,919 4 Apr/avr 2002 US (04.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD OF CLEANING HOLE DIGGERS AND SPOT CULTIVATORS AND HOLE DIGGER CLEANING DEVICE
• PROCEDE DE NETTOYAGE DE TARIERES ET DISPOSITIFS DE NETTOYAGE DE CULTIVATEURS DE TROU ET DE TARIERE
(71) GOODMAN, Herbert [US/US]; 880 Fifth Avenue, New York, NY 10021 (US).
(only for / seulement pour MW)
(71, 72) MANOR, Gedalyahu [IL/IL]; 15 Adam Hacohen Street, 32714 Haifa (IL).
(74) GOODMAN, Herbert et al. / etc.; Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, NY 10017-2025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A01B 29/04
(11) WO 03/086043 (13) A1
(21) PCT/SE03/00577
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 0201097-3 10 Apr/avr 2002 SE (10.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • A ROLLER RING AND A RING ROLLER WITH SUCH A ROLLER RING
• ANNEAU DE ROULEMENT ET ANNEAU DE ROULEMENT PRESENTANT UN TEL ANNEAU DE ROULEMENT
(71) VÄDERSTAD-VERKEN AB [SE/SE]; P.O. Box 85, S-590 21 Väderstad (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KARLSSON, Bo [SE/SE]; Björklunda, Siktebo, S-585 97 Linköping (SE).
(74) ALBIHNS STOCKHOLM AB et al. / etc.; P.O. Box 5581, S-114 85 Stockholm (SE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF); OA (BF); OA (Utility model / modèle d'utilité) (BJ); OA (BJ); OA (Utility model / modèle d'utilité) (CF); OA (CF); OA (Utility model / modèle d'utilité) (CG); OA (CG); OA (Utility model / modèle d'utilité) (CI); OA (CI); OA (Utility model / modèle d'utilité) (CM); OA (CM); OA (Utility model / modèle d'utilité) (GA); OA (GA); OA (Utility model / modèle d'utilité) (GN); OA (GN); OA (Utility model / modèle d'utilité) (GQ); OA (GQ); OA (Utility model / modèle d'utilité) (GW); OA (GW); OA (Utility model / modèle d'utilité) (ML); OA (ML); OA (Utility model / modèle d'utilité) (MR); OA (MR); OA (Utility model / modèle d'utilité) (NE); OA (NE); OA (Utility model / modèle d'utilité) (SN); OA (SN); OA (Utility model / modèle d'utilité) (TD); OA (TD); OA (Utility model / modèle d'utilité) (TG); OA (TG).

(51)⁷ A01C 11/02

(11) WO 03/086044 (13) A1

(21) PCT/CN03/00265

(22) 14 Apr/avr 2003 (14.04.2003)

(25) zh (26) zh

(30) 02108844.6 13 Apr/avr 2002 CN (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A ROTARY TRANSPLANTER WITH MANY ROWS OF MOVABLE PLANT CLAWS

• REPIQUEUSE TOURNANTE COM-
PORTANT DE NOMBREUSES RAN-
GEES DE PINCES DE REPIQUAGE
MOBILES

(71, 72) HONG, Quanming [CN/CN]; Jing-
maowei, Langxi County, Anhui 242100
(CN).

(74) HUAHE & PARTNERS; Room 909,
Huibin Building, No.8 Beichendong Street,
Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A01D 78/10

(11) WO 03/086045 (13) A1

(21) PCT/FR03/01156

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04834 16 Apr/avr 2002 FR (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HAYING MACHINE

• MACHINE DE FENAISSON

(71) KUHN S.A. [FR/FR]; 4, Impasse des Fab-
riques, F-67706 Saverne Cedex (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRENEUR, David [FR/FR]; 6, rue de la
2ème DB, F-67700 Saverne (FR).

(74) ANDRES, Jean-Claude; Kuhn S.A., 4, Im-
passe des Fabriques, F-67706 Saverne Cedex
(FR).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ A01D 82/00, 43/10

(11) WO 03/086046 (13) A1

(21) PCT/FR03/01154

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/05100 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR TREATING FODDER
AND REAPING MACHINE WHICH
USES ONE SUCH DEVICE FOR
TREATING FODDER

• DISPOSITIF DE TRAITEMENT DU
FOURRAGE ET FAUCHEUSE AGRI-
COLE UTILISANT UN TEL DISPOSI-
TIF DE TRAITEMENT DU FOURRAGE

(71) KUHN S.A. [FR/FR]; 4, Impasse des Fab-
riques, F-67706 Saverne Cedex (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LIGOUY, Jean-Baptiste [FR/FR]; La
Grenouillere, F-18140 Lugny-Champagne
(FR).

(74) BONNIN, David; Kuhn S.A., 4, Impasse des
Fabriques, F-67706 Saverne Cedex (FR).

(81) AU BR CA CN CZ HU JP MX NO NZ PL
UA US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ A01F

(11) WO 03/086047 (13) A2

(21) PCT/IL03/00304

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,086 10 Apr/avr 2002 US (10.04.2002)

(30) 60/419,116 18 Oct/oct 2002 US (18.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTENDING THE SHELF LIFE OF
HARVESTED PLANT MATTER USING
ASCORBIC ACID DERIVATIVES AND
COMPOSITIONS THEREOF

• ALLONGEMENT DE LA DUREE DE
CONSERVATION DE MATIERES VE-
GETALES RECOLTEES AU MOYEN

DE DERIVES D'ACIDE ASCORBIQUE
ET DE COMPOSITIONS DE CEUX-CI

(71) FRUTAVIT LTD. [IL/IL]; Teradion Indus-
trial Park, Technology Center, P.O. Box 20,
20 179 D.N. Misgav (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHALATA, Abed [IL/IL]; P.O. Box
1551, 20 173 Sakhnin (IL). ABUSHQARA,
Elias [IL/IL]; P.O. Box 5049, 14 930 Maghar
(IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel
Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A01G

(11) WO 03/086048 (13) A2

(21) PCT/FR03/01176

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04670 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GREENHOUSES, FILMS FOR COVER-
ING GREENHOUSES AND METHODS
FOR STRETCHING OR TIGHTENING
FILMS ON GREENHOUSES

• SERRES, FILMS POUR COUVERTURE
DE SERRES ET PROCEDE POUR
TENDRE OU RETENDRE DES FILMS
DE SERRES

(71, 72) FORTIER, Patrick [FR/FR]; Vallon des
Gardes Haut, F-13100 Le Tholonet (FR).

(74) SANTARELLI; 14, avenue de la Grande Ar-
mée, F-75017 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A01G

(11) WO 03/086049 (13) A2

(21) PCT/IN03/00138

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 263/MAS/2002 10 Apr/avr 2002 IN
(10.04.2002)(30) 480/MAS/2002 24 Jun/juin 2002 IN
(24.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLOWERING STIMULANT COMPOSITION USING NITROBENZENE

• COMPOSITION CONTENANT DU NITROBENZENE STIMULANT LA FLO-
RAISON

(71) DEVI PESTICIDES PRIVATE LIMITED [IN/IN]; THEENACHANDRAN, Rathinasamy, 29-A, Workshop Road, Simmakal, 625001 MADURAI, TAMIL NADU (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THEENACHANDRAN, Rathinasamy [IN/IN]; DEVI PESTICIDES PRIVATE LIMITED, 29-A, Workshop Road, Simmakal, 625001 MADURAI, TAMIL NADU (IN).

(74) RAMKUMAR, T.k.; RAM & RAJAN & ASSOCIATES, Advocates, Patent Attorneys, #12, Pelathope, Mylapore, 600004 CHENNAI, TAMIL NADU (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ A01G 17/02

(11) WO 03/086050 (13) A1

(21) PCT/HU03/00019

(22) 4 Mar/mar 2003 (04.03.2003)

(25) hu (26) en

(30) P 0201226 15 Apr/avr 2002 HU
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR BUDS REMOVING IN BRANCH CORDON VINE SYSTEM

• PROCEDE ET APPAREIL POUR ENLEVER LES BOURGEONS DANS UN SYSTEME DE VITICULTURE A BRANCHES EN CORDON

(71, 72) BABÓ, Tivadar [HU/HU]; Ferenc tér 12, H-1094 Budapest (HU).

(74) S.B.G. & K. PATENT OFFICE; Andrassy út 113., H-1062 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01G 25/02, B05B 15/06

(11) WO 03/086051 (13) A1

(21) PCT/ZA03/00049

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 2002/2847 11 Apr/avr 2002 ZA
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ADAPTOR FOR AN IRRIGATION EMITTER

• ADAPTATEUR POUR TETE D'IRRIGATION

(71) FLOPPY SPRINKLER (PROPRIETARY) LIMITED [ZA/ZA]; 24 Murray Street, 1201 Nelspruit (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THERON, Christoffel [ZA/ZA]; 24 Murray Street, 1201 Nelspruit (ZA).

(74) TRUTER, Jacobus, Tridoux; D M Kisch Inc, P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01H

(11) WO 03/086052 (13) A2

(21) PCT/US03/10910

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,253 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW ALLERGEN PLANT AND ANIMAL GENOTYPES

• GENOTYPES ANIMAUX ET VEGETAUX PEU ALLERGENES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCHANAN, Robert, B. [US/US]; 19 Tamalpais Road, Kensington, CA 94708 (US). LEMAUX, Peggy, G. [US/US]; 253 Corlis Drive, Moraga, CA 94556 (US). WONG, J., H. [US/US]; 55 Sylvan Drive, San Francisco, CA 94132 (US). CHO, Myeong-Je [—/US]; c/o The Regents of the University of California, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US). FRICK, Oscar, L. [US/US]; 370 Parnassus Avenue, San Francisco, CA 94117 (US).

(74) LITTLEFIELD, Otis, B. et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

(81) AU CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A01H 1/00, C12N 15/09

(11) WO 03/086053 (13) A1

(21) PCT/JP03/04681

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111943 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLANT TRANSFORMATION SYSTEM
• SYSTEME DE TRANSFORMATION DE PLANTES

(71) PHYTOCULTURE CONTROL CO., LTD. [JP/JP]; 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAI, Tatsuo [JP/JP]; c/o PHYTOCULTURE CONTROL CO., LTD., 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP). SUZUMURA, Daisuke [JP/JP]; c/o PHYTOCULTURE CONTROL CO., LTD., 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP). KOJIMA, Tomoko [JP/JP]; c/o PHYTOCULTURE CONTROL CO., LTD., 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP). KOBAYASHI, Akio [JP/JP]; 1-10-22, Uenosaka, Toyonaka-shi, Osaka 560-0012 (JP). FUKUSAKI, Eiichiro [JP/JP]; 4-4-2, Satakedai, Suita-shi, Osaka 565-0855 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU BR CA CN ID IN JP KR NO NZ PH RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A01J 7/02

(11) WO 03/086054 (13) A1

(21) PCT/SE03/00562

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0201098-1 11 Apr/avr 2002 SE
(11.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A DEVICE FOR CLEANING AT LEAST ONE TEATCUP
• DISPOSITIF DE NETTOYAGE D'AU MOINS UN GOBELET TRAYEUR
- (71) DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEHINOVIC, Raza [SE/SE]; Övergårdsvägen 1, 8 tr, S-147 42 Tumba (SE).
- (74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
(11) WO 03/086055 (13) A2
(21) PCT/US03/10980
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 10/120,858 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANIMAL LITTER AND METHODS OF FABRICATING SAME
• LITIERE D'ANIMAL ET SES PROCÉDES DE FABRICATION
- (71) EQUIDRY BEDDING PRODUCTS, LLC [US/US]; 310 S. 24th Avenue, Phoenix, AZ 85209 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OPFEL, William [US/US]; 1628 E. Gable, Mesa, AZ 85204 (US).
- (74) BOOTH, Kenneth, C.; Schmeiser, Olsen & Watts LLP, 18 E. University Drive, #101, Mesa, AZ 85201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01K
(11) WO 03/086055 (13) A2
(21) PCT/US03/10980
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 10/120,858 10 Apr/avr 2002 US (10.04.2002)
(30) 60/431,140 4 Dec/déc 2002 US (04.12.2002)
(30) 60/431,067 4 Dec/déc 2002 US (04.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VENTING SYSTEM FOR ANIMAL STALL
• SYSTEME D'AERATION DE STALLES D'ANIMAUX
- (71) EQUIDRY BEDDING PRODUCTS, LLC [US/US]; 310 S. 24th Avenue, Phoenix, AR 85009 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OPFEL, William [US/US]; 1628 E. Gable, Mesa, AR 85204 (US).
- (74) BOOTH, Kenneth, C.; Schmeiser, Olsen & Watts LLP, 18 East University Drive, #101, Mesa, AZ 85201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO
- RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
(11) WO 03/086056 (13) A2
(21) PCT/US03/10981
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 10/120,858 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANIMAL LITTER AND METHODS OF FABRICATING SAME
• LITIERE D'ANIMAL ET SES PROCÉDES DE FABRICATION
- (71) EQUIDRY BEDDING PRODUCTS, LLC [US/US]; 310 S. 24th Avenue, Phoenix, AZ 85209 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OPFEL, William [US/US]; 1628 E. Gable, Mesa, AZ 85204 (US).
- (74) BOOTH, Kenneth, C.; Schmeiser, Olsen & Watts LLP, 18 E. University Drive, #101, Mesa, AZ 85201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 1/12, 5/01
(11) WO 03/086057 (13) A1
(21) PCT/NL03/00266
(22) 8 Apr/avr 2003 (08.04.2003)
(25) nl (26) en
(30) 1020333 8 Apr/avr 2002 NL (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TILTABLE FEED TROUGH
• ORGANE D'ALIMENTATION TRAVERSANT INCLINABLE
- (71) IDENTO ELECTRONICS B.V. [NL/NL]; Repelweg 10, NL-8316 PV Marknesse (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOFMAN, Hendrik [NL/NL]; Plattedijk 47, NL-8531 PC Lemmer (NL). VAN DER SLUIS, Peter, Willem [NL/NL]; Kamperwetering 19, NL-8271 PP IJsselmuiden (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 5/01
(11) WO 03/086059 (13) A1
(21) PCT/EP03/03740
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 10/123,718 16 Apr/avr 2002 US (16.04.2002)
- (74) GROOTSCHOLTEN, Johannes, Antonius, Maria; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 1/12 // A01J 5/017
(11) WO 03/086058 (13) A1
(21) PCT/SE03/00546
(22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 0201075-9 9 Apr/avr 2002 SE (09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND ARRANGMENT AT A DAIRY FARM
• PROCEDE ET AGENCEMENT MIS EN OEUVRE DANS UNE FERME PRODUCTRICE DE LAIT
- (71) DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BJÖRK, Anders [SE/SE]; Pl 429, Hamra, S-147 41 Tumba (SE).
- (74) FRITZON, Rolf et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FEEDING STAND FOR PET FOOD PACKAGE

- SUPPORT D'ALIMENTATION POUR EMBALLAGE D'ALIMENTS POUR ANIMAL DOMESTIQUE

(71) NESTEC S.A. [CH/CH]; Avenue Nestlé 55, 1800 VEVEY (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, Harold [US/US]; 4707 N. Heatherwood Dr., St. Joseph, MO 64506 (US).

(74) WAVRE, Claude-Alain; Avenue Nestlé 55, 1800 Vevey (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement(51)⁷ A01K 41/00

(11) WO 03/086060 (13) A1

(21) PCT/FR03/01204

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 0204885 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR INCUBATION AND HATCHING OF BIRD'S EGGS AND DEVICE FOR CARRYING OUT THE SAME

- PROCEDE D'INCUBATION ET D'ECLOSION D'OEUFS D'OISEAUX ET DISPOSITIF POUR SA MISE EN OEUVRE

(71) HUBBARD ISA [FR/FR]; 119, avenue Maréchal de Saxe, F-69003 Lyon (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PELE, Benoît [FR/FR]; Pahouet - Biliel, F-22800 Saint-Donan (FR).

(74) BERNASCONI, Jean et al. / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A01K 59/00

(11) WO 03/086061 (13) A1

(21) PCT/JP03/04618

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-114815 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROYAL JELLY REFINING DEVICE, CLIP DEVICE FOR THE REFINING DEVICE, AND DEVICE FOR SQUEEZING TUBE

- DISPOSITIF DE RAFFINAGE DE GELÉE ROYALE, DISPOSITIF A PINCE POUR CE DISPOSITIF DE RAFFINAGE, ET DISPOSITIF DESTINE A PRESSER UN TUBE

(71, 72) YAMAGUCHI, Kikuji [JP/JP]; 7-17-2001, Aobadai 3-chome, Meguro-ku, Tokyo 153-0042 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 59/00

(11) WO 03/086062 (13) A1

(21) PCT/JP03/04619

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-114805 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROYAL JELLY REFINING DEVICE

- DISPOSITIF DE RAFFINAGE DE GELÉE ROYALE

(71, 72) YAMAGUCHI, Kikuji [JP/JP]; 7-17-2001, Aobadai 3-chome, Meguro-ku, Tokyo 153-0042 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 61/00

(11) WO 03/086063 (13) A1

(21) PCT/GB03/01563

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208383.0 11 Apr/avr 2002 GB (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FISH TRANSPORTATION

- TRANSPORT DE POISSONS

(71) FORINNOVA AS [NO/NO]; Thormøhlensgate 55, N-5008 Bergen (NO).

(for all designated States except / pour tous les États désignés sauf US)

(71) COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).

(only for / seulement pour GB)

(72, 75) OPSTAD, Ingegjerd [NO/NO]; Forinnova AS, Thormøhlensgate 55, N-5008 Bergen (NO).

(74) COCKBAIN, Julian et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 61/00, 75/00

(11) WO 03/086064 (13) A1

(21) PCT/NO03/00105

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 20021760 15 Apr/avr 2002 NO
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WEIGHTED OR BOUYANT ROPE WITH SEW ZONE AND METHOD

• CORDAGE LESTE OU FLOTTANT A ZONE A COUDRE ET PROCEDE ASSO-CIE

(71) AS FISKEVEGN [NO/NO]; 6717 Flatraket, N-6717 Flatraket (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MYKLEBUST, Harald [NO/NO]; AS Fiskevegn, 6717 Flatraket, N-6717 Flatraket (NO).

(74) ABEL, Christian, D.; Onsagers AS, Postboks 6963 St. Olavs Plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 63/00, A63H 23/00

(11) WO 03/086065 (13) A1

(21) PCT/JP03/04880

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-116732 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISPLAY DEVICE FOR APPRECIATION

• AFFICHEUR POUR MESURES

(71) EAMEX CORPORATION [JP/JP]; 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAYAMA, Minoru [JP/JP]; c/o EAMEX CORPORATION, 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP). SUGIYAMA, Minoru [JP/JP]; c/o EAMEX CORPORATION, 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP). KATO, Kenji [JP/JP]; c/o EAMEX CORPORATION, 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP). ONISHI, Kazuo [JP/JP]; c/o EAMEX CORPORATION, 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP).

SEWA, Shingo [JP/JP]; c/o EAMEX CORPORATION, 5-16-608, Ikeda-shi, Uho-cho, Osaka 563-0042 (JP).

(74) MIYAZAKI, Tadaaki; Miyazaki International, Facade Esaka Building, 23-43, Esaka-cho 1-chome, Suita-shi, Osaka 564-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 63/04, B01D 33/06, 33/58, C02F 1/24

(11) WO 03/086066 (13) A1

(21) PCT/FI03/00283

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fi (26) en

(30) 20020722 15 Apr/avr 2002 FI
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PURIFICATION OF WASTEWATER IN FISH FARMING

• PROCEDE D'EPURATION DES EAUX USEES DE PISCICULTURE

(71, 72) JANATUINEN, Jorma [FI/FI]; Pohjavedenkuja 3 B 27, FIN-00980 HELSINKI (FI).

(74) HEINÄNEN OY; Annankatu 31-33 C, FIN-00100 HELSINKI (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ A01K 67/033

(11) WO 03/086067 (13) A1

(21) PCT/FR03/01202

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04693 15 Apr/avr 2002 FR
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCTION, RAISING AND CONDITIONING OF ENTOMOPHAGOUS INSECTS OF USE IN BIOLOGICAL CONTROL

• PROCEDE DE PRODUCTION, D'ELEVAGE, ET DE CONDITIONNEMENT D'INSECTES ENTOMOPHAGES UTILES POUR LA LUTTE BIOLOGIQUE

(71) BIOTOP [FR/FR]; 83-85, avenue de la Grande-Armée, F-75782 Paris Cedex 16 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAIGNET, Pascal [FR/FR]; 41, avenue Francis de Croisset, F-06130 Grasse (FR).

(74) BREESE, Pierre et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A01K 91/02, 91/06

(11) WO 03/086068 (13) A1

(21) PCT/HR03/00012

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) P20020320A 12 Apr/avr 2002 HR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC FISHING DEVICE

• DISPOSITIF AUTOMATIQUE DE PECHE

(71, 72) KARELOVIC, Vinko [HR/HR]; Bracka cesta 6, 21420 Bol (HR).

(74) DIATUS; Poljicka cesta 31, 21000 Split (HR).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA US UZ VC VN YU (Petty patent) ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01N

(11) WO 03/086069 (13) A2

(21) PCT/US03/10728

(22) 8 Apr/avr 2003 (08.04.2003)

- (25) en (26) en
- (30) 60/370,650 **8 Apr/avr 2002** US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MATERIALS AND METHODS FOR CONTROLLING WOOD-BORING INSECTS
• MATIERES ET PROCEDES POUR LUTTER CONTRE LES INSECTES XYLOPHAGES
- (71, 72) HAENKE, Jodi [US/US]; 3962 Crayrich Street, Orlando, FL 32839 (US).
- (74) FISCHER, Joseph; Van Dyke & Associates, P.A., 7200 Lake Ellenor Drive, Suite 252, Orlando, FL 32809 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01N 1/00
- (11) WO 03/086071 (13) A1
- (21) PCT/US03/10515
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10/115,623 **4 Apr/avr 2002** US
(04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS AND METHOD FOR RECONSTITUTING BONE WITH BIOLOGICAL FLUIDS PRIOR TO SURGICAL IMPLANTATION
• APPAREIL ET PROCEDE DE RECONSTITUTION D'OS PAR DES FLUIDES BIOLOGIQUES AVANT UNE IMPLANTATION CHIRURGICALE
- (71, 72) BRANDT, Robert [US/US]; 16520 S. Tamiami Trail, Ste. 18, Ft. Myers, FL 33908 (US). BUZENIUS, Michael [US/US]; 3515 Othello Drive, Naperville, IL 60564 (US).
- (74) BARROW, Laura, G.; Hahn Loeser + Parks LLP, P.O. Box 215, Estero, FL 33928-0215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01N
- (11) WO 03/086070 (13) A2
- (21) PCT/US03/10982
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,783 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 10/120,858 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 10/158,676 **29 May/mai 2002** US
(29.05.2002)
- (30) 10/188,611 **2 Jul/juil 2002** US
(02.07.2002)
- (30) 60/431,067 **4 Dec/déc 2002** US
(04.12.2002)
- (30) 60/431,106 **4 Dec/déc 2002** US
(04.12.2002)
- (30) 60/431,140 **4 Dec/déc 2002** US
(04.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND SYSTEMS FOR DISINFECTING ANIMAL BEDDING AND STALLS
• PROCEDE ET SYSTEMES POUR DESINFECTER LITERIE ET STALLS D'ANIMAUX
- (71) EQUIDRY BEDDING PRODUCTS, LLC [US/US]; 310 S. 24th Avenue, Phoenix, AR 85009 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OPFEL, William [US/US]; 1628 E. Gable, Mesa, AR 85204 (US).
- (74) BOOTH, Kenneth, C.; Schmeiser, Olsen & Watts LLP, 18 E. University Drive # 101, Mesa, AZ 85201 (US).
- (71) MEIJI SEIKA KAISHA, LTD. [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASAKI, Yoshihiko [JP/JP]; c/o kitasato University School of Medicine, 15-1, Kitasato 1-chome, Sagamihara-shi, Kanagawa 228-0829 (JP). YOSHIDA, Kazunari [JP/JP]; c/o kitasato University School of Medicine, 15-1, Kitasato 1-chome, Sagamihara-shi, Kanagawa 228-0829 (JP). ENDO, Tadao [JP/JP]; c/o kitasato University School of Medicine, 15-1, Kitasato 1-chome, Sagamihara-shi, Kanagawa 228-0829 (JP). NAKAMURA, Hirofumi [JP/JP]; c/o Health & Bioscience Laboratories, Meiji Seika Kaisha, Ltd., 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP). TASHIRO, Yasuhito [JP/JP]; c/o Meiji Seika Kaisha Ltd., Solid Square Bldg., 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0913 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01N 25/02
- (11) WO 03/086073 (13) A1
- (21) PCT/IT02/00248
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) it (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF VEGETABLE OIL AS AN ADJUVANT FOR SUBSTANCES HAVING A FUNGICIDE, BACTERICIDE, INSECTICIDE AND HERBICIDE ACTIVITY
• UTILISATION D'HUILES VEGETALES EN TANT QU'ADJUVANTS DE SUBSTANCES AYANT UNE ACTIVITE FONGICIDE, BACTERICIDE, INSECTICIDE ET HERBICIDE
- (71) AGRIBIOTEC S.R.L. [IT/IT]; Via San Bernardo, 22, I-26100 Cremona (IT). SOCIETA' ITALIANA WERISAN DI LEGNANI CAV. RAG. ANTONIO S.P.A. [IT/IT]; Via Provinciale Sud, 1/B, I-42017 Novellara (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAMERI, Paolo [IT/IT]; Via F. Geroni, 19, I-26100 Cremona (IT).
- (74) TANSINI, Elio, Fabrizio; Bugnion S.P.A., Viale Lancetti, 17, I-20158 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD NZ OM
PH PL PT RO RU SD SE SG SI SK SL TJ
TM TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ A01N 37/10, 37/36, A61K 35/30

(11) WO 03/086074 (13) A1

(21) PCT/US03/09001

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 10/122,445 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR TREATING HEPATIC
ENCEPHALOPATHIES

• PROCEDE DE TRAITEMENT D'ENCE-
PHALOPATHIES HEPATIQUES

(71) MEDICIS PHARMACEUTICAL COR-
PORATION [US/US]; 8125 North Hayden
Road, Scottsdale, AZ 85258 (US).

(72) SUMMAR, Marshall, L.; 513 Bel Air Place,
Brentwood, TN 37207 (US).

(74) MCNICHOL, William, J., Jr.; Reed Smith
LLP, 2500 One Liberty Place, 1650 Market
Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A01N 43/12, 47/06, A61K 31/343, 31/403,
31/38

(11) WO 03/086075 (13) A1

(21) PCT/EP03/03477

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 102 16 737.0 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PARASITE CONTROL IN ANIMALS

• LUTTE ANTIPARASITAIRE CHEZ
L'ANIMAL

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TURBERG, Andreas [DE/DE]; Sinter-
str. 86, 42781 Haan (DE). HANSEN, Olaf
[DE/DE]; Tannenweg 43, 40764 Langen-
feld (DE). KANIKANTI, Venkata-Ran-
garao [IN/DE]; Quettinger Str. 24 a,
51381 Leverkusen (DE). LÖHR, Rein-
hold [DE/DE]; Steinekamp 7, 51469 Ber-
gisch Gladbach (DE). MERTIN, Dirk
[DE/DE]; Oskar-Erbslöh-Str. 7, 40764 Lan-
genfeld (DE). SIRINYAN, Kirkor [TR/DE];
Humperdinckstr. 12, 51467 Bergisch Glad-
bach (DE).

(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A01N 43/46, A24B 15/28

(11) WO 03/086076 (13) A1

(21) PCT/US03/10734

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/371,635 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOBACCO HAVING REDUCED NICO-
TINE AND NITROSAMINES

• TABAC PRESENTANT UNE TENEUR
EN NICOTINE ET EN NITROSAMINES
REDUITE

(71) VECTOR TOBACCO LTD. [—/—];
Clarendon House, 2 Church Street, Hamilton,
HMCX Bermuda (BM).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CONKLING, Mark, A. [US/US]; 5511
New Rise Court, Chapel Hill, NC 27516 (US).

(74) HUNT, Dale, C.; Knobbe, Martens, Olson
& Bear, LLP, 2040 Main Street, 14th Floor,
Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A01N 43/56, C07D 231/12, 231/20, 403/12

(11) WO 03/086077 (13) A1

(21) PCT/JP03/04836

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113044 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS FOR ANIMAL TICK
OR FLEA CONTROL

• COMPOSITIONS ANTI-TIQUES OU
ANTI-PUCES POUR LES ANIMAUX

(71) ISHIHARA SANGYO KAISHA, LTD.
[JP/JP]; 3-15, Edobori 1-chome, Nishi-ku,
Osaka-shi, Osaka 550-0002 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIZUKOSHI, Sadanori [JP/JP];
c/o Ishihara Sangyo Kaisha, Ltd., Chuo
Kenkyusho, 3-1, Nishi-shibukawa 2-chome,
Kusatsu-shi, Shiga 525-0025 (JP). KOY-
ANAGI, Toru [JP/JP]; c/o Ishihara Sangyo
Kaisha, Ltd., Chuo Kenkyusho, 3-1,
Nishi-shibukawa 2-chome, Kusatsu-shi,
Shiga 525-0025 (JP). MORITA, Masayuki
[JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd.,
Chuo Kenkyusho, 3-1, Nishi-shibukawa
2-chome, Kusatsu-shi, Shiga 525-0025 (JP).
IMAMURA, Masashi [JP/JP]; c/o Ishihara
Sangyo Kaisha, Ltd., Chuo Kenkyusho,
3-1, Nishi-shibukawa 2-chome, Kusatsu-shi,
Shiga 525-0025 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Ko-
gyo Bldg., 38, Kanda-Higashimatsushitacho,
Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01N 59/08, A61K 38/16, 35/78, C07C 205/00

(11) WO 03/086078 (13) A1

(21) PCT/US02/11438

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD OF REDUCING CALCIFIED ARTERIAL PLAQUE BUILDUP AND CELLULAR MALFUNCTION AND FOR BALANCING IONIC CALCIUM
- PROCEDE DE REDUCTION D'ACCUMULATION DE PLAQUE ARTERIELLE CALCIFIEE ET DE DYSFONCTIONNEMENT CELLULAIRE ET D'EQUILIBRAGE DE CALCIUM IONIQUE

(71) GUSTY WINDS CORPORATION [US/US]; 2950 Bear Street, #M120, Costa Mesa, CA 92626 (US).

(72) DIXON, Michael, W.; 25422 Trabuco Road, #105-161, Lake Forest, CA 92630 (US).

(74) FISCHER, Morland, C.; 2030 Main Street, #1050, Irvine, CA 92614 (US).

(81) CA CN JP RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ A01N 65/00

(11) WO 03/086079 (13) A2

(21) PCT/ES03/00173

(22) 14 Apr/avr 2003 (14.04.2003)

(25) es (26) es

(30) P 200200913 18 Apr/avr 2002 ES (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR ENHANCING RESISTANCE OF GRAPES TO INFECTION AND MATURATION BY EXTERNAL APPLICATION OF NATURAL EXTRACTS FROM THE VINE

- PROCEDE VISANT A AUGMENTER LA RESISTANCE DU RAISIN AUX INFECTIONS ET A LA MATURATION GRACE A L'APPLICATION EXTERNE D'EXTRAITS NATURELS OBTENUS A PARTIR DE LA VIGNE

(71) UNIVERSIDAD COMPLUTENSE DE MADRID [ES/ES]; Avenida de Séneca, 2, Rectorado, E-28040 Madrid (ES). C.R.D.O VINALOPO [ES/ES]; C/Virgen De Las Nieves, 13, Hondon de Las Nieves, E-03688 Alicante (ES).

(72) GONZALEZ UREÑA, Angel; Instituto Pluridisciplinar, P^o Juan XXIII, 1, Universidad Complutense de Madrid, E-28040 Madrid (ES). OREA ROCHA, Jose Maria; Instituto Pluridisciplinar, Paseo Juan XXIII, 1, Universidad Complutense de Madrid, E-28040 Madrid (ES). MONTERO CATALINA, Carlos; Instituto Pluridisciplinar, Paseo Juan XXIII, 1, Universidad Complutense de Madrid, E-28040 Madrid (ES). JIMENEZ SANCHEZ, Jorge, B.; Instituto Pluridisciplinar, P^o Juan XXIII, 1, Universidad

Complutense De Madrid, E-28040 Madrid (ES).

(74) OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACION; Universidad Complutense de Madrid, C/Donoso Cortés, 65, E-28015 Madrid (ES).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A01N 65/00, A61K 35/78

(11) WO 03/086080 (13) A1

(21) PCT/US02/10854

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND COMPOSITION FOR IMPROVING FERTILITY HEALTH IN FEMALE AND MALE ANIMALS AND HUMANS

- PROCEDE ET COMPOSITION D'AMELIORATION DE LA FERTILITE CHEZ DES HUMAINS ET DES ANIMAUX MALES ET FEMELLES

(71) THE DAILY WELLNES COMPANY [US/US]; 350 East Middlefield Road, Mountain View, CA 94043 (US).

(72) TRANT, Aileen, Sontag; 350 East Middlefield Road, Mountain View, CA 94043 (US).

(74) WRAY, James, C. et al. / etc.; Suite 300, 1493 Chain Bridge Road, McLean, VA 22101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A16M

(11) WO 03/086081 (13) A2

(21) PCT/IT03/00226

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) BS2002U000044 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • NEBULIZER CHAMBER WITH VERTICAL EXIT AND ANTI-SPILL SYSTEM
- CHAMBRE DE NEBULISEUR A SORTIE VERTICALE ET SYSTEME ANTIDEBORDEMENT

(71) FLAEM NUOVA S.P.A. [IT/IT]; Via Colli Storici, 221-223-225, I-25010 S. Martino della Battaglia (IT).

(72) ABATE, Riccardo; Via Colli Storici, 221-223-225, I-25010 S. Martino della Battaglia (IT).

(74) SANGIACOMO, Fulvia; Biesse S.R.L., C.SO Matteotti, 42, I-25122 Brescia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A21B 3/13

(11) WO 03/086082 (13) A1

(21) PCT/IB02/01270

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FLEXIBLE MOULD FOR CONFECTIONERY, BREAD-MAKING AND SIMILAR, WITH SUPPORT AND STIFFENING ELEMENT OF THE OUTER EDGE

- MOULE SOUPLE UTILISE POUR LA CONFISERIE, LA FABRICATION DU PAIN ET ANALOGUE ET COMPORTANT UN BORD EXTERIEUR COMPRENANT UN SUPPORT ET UN ELEMENT DE RENFORT

(71) SILITAL S.P.A. [IT/IT]; Via G. di Vittorio, 10, I-Vignate (Milano) (MI) (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERONI, Bruno [IT/IT]; Via Selvagrega, 15, I-20075 Lodi (IT).

(74) LA CIURA, Salvatore; Via Francesco Sforza, 3, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A21D 2/18, 2/26, 13/06, 13/08

(11) WO 03/086083 (13) A1

(21) PCT/HU03/00028

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) P0201270 18 Apr/avr 2002 HU (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DIABETIC, BRAN-FREE FLOUR FOR THE PRODUCTION OF BAKING INDUSTRY PRODUCTS, ESPECIALLY BREAD, PASTRIES AND CAKES

• FARINE SANS SON POUR DIABÉTIQUES DESTINÉE À LA FABRICATION DE PRODUITS DE BOULANGERIE ET NOTAMMENT DE PAIN, D'ARTICLES DE PATISSERIE ET DE GATEAUX

- (71) GABONATERMESZTÉSI KUTATÓ KÖZHASZNÚ TÁRSASÁG [HU/HU]; Alsó kikötő sor 9, H-6726 Szeged (HU). NOVÓBACK KERESKEDELMİ ÉS SZOLGÁLTATÓ KFT. [HU/HU]; Gutenberg u. 19, H-6722 Szeged (HU).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KOVÁCS, Zsuzsa [HU/HU]; Lomniczi u.17, H-6723 Szeged (HU). VARGA, László [HU/HU]; Sarló u. 14, H-6726 Szeged (HU). ÁCS, Péterné [HU/HU]; Tambura u.5, H-6726 Szeged (HU).

- (74) FABER, Miklós; Advopatent Office of Patent and Trademark Attorneys, Fő u. 19, H-1011 Budapest (HU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A22B 5/20

(11) WO 03/086084 (13) A1

(21) PCT/EP03/03824

(22) 12 Apr/avr 2003 (12.04.2003)

(25) de (26) de

(30) 102 16 740.0 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR REMOVING THE SPINAL CORD FROM SLAUGHTER ANIMALS

• PROCEDE POUR RETIRER DE LA MOELLE EPINIERE D'ANIMAUX D'ABATTOIR

- (71) ARBTER GMBH [DE/DE]; Entwicklung, Patente + Verwertung, Hauptstrasse 23, 97633 Saal/Saale (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ARBTER, Conrad [DE/DE]; Hauptstrasse 23, 97633 Saal/Saale (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A22C

(11) WO 03/086085 (13) A2

(21) PCT/US03/11049

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,247 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • EDIBLE PRODUCTS WITH REDUCED OXIDATION AND SPOILAGE

• PRODUITS COMESTIBLES À OXYDATION ET ALTERATION REDUITES

- (71) UNIVERSITY OF MASSACHUSETTS [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).

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- (72, 75) HULTIN, Herbert, O. [US/US]; 178 Granite Street, Rockport, MA 01966 (US). LIANG, Yong [CN/US]; 47 Main Street, Apt. #1, Rockport, MA 01966 (US).

- (74) FASSE, J., Peter; Fish & Richardson, 225 Franklin Street, Boston, MA 02110-2804 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A22C 11/02

(11) WO 03/086086 (13) A1

(21) PCT/ES02/00188

(22) 17 Apr/avr 2002 (17.04.2002)

(25) es (26) es

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • STUFFING/DOSING MACHINE COMPRISING A TILTING HOPPER

• MACHINE À FABRIQUER ET DECOUPER DES SAUCISSES À TREMIER INCLINABLE

- (71) METALQUIMIA, SA [ES/ES]; Sant Ponç de la Barca, s/n, E-17007 Girona (ES).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LAGARES COROMINAS, Narcís [ES/ES]; Sant Ponç de la Barca, s/n, E-17007 Girona (ES).

- (74) MANRESA VAL, Manuel; Rambla Catalunya, 32, E-08007 Barcelona (ES).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A22C 13/00

(11) WO 03/086087 (13) A1

(21) PCT/EP03/03766

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 17 132.7 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • TUBULAR DOUBLE FOOD ENVELOPE COMPRISING TRANSFERABLE COMPONENTS

• DOUBLE ENVELOPPE TUBULAIRE À COMPOSANTS TRANSFERABLES POUR DENRÉE ALIMENTAIRE

- (71) KALLE GMBH & CO. KG [DE/DE]; Rheingaustrasse 190-196, 65203 Wiesbaden (DE).

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- (72, 75) KÖNIG, Martina [DE/DE]; Winzerstrasse 3, 65207 Wiesbaden (DE). AUF DER HEIDE, Christian [DE/DE]; Kiwittstrasse 19, 49080 Osnabrück (DE). AUF DER HEIDE, Dirk [DE/DE]; Flötteweg 5, 45954 Alfhausen (DE). KALLWEIT, Jürg-Heinrich [DE/DE]; Johann-Sebastian-Bach-Strasse 20, 49076 Osnabrück (DE).

- (74) PLATE, Jürgen et al. / etc.; Patentanwalt-skanzlei Zounck, Rheingaustrasse 190-196, 65203 Wiesbaden (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A23B 4/16

(11) WO 03/086088 (13) A1

(21) PCT/US03/10703

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,245 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CONTAINER LINER FOR INHIBITING DECAY OF PERISHABLE ITEMS
• GARNITURE DE CONTENANT DESTINEE A EMPECHER LA DEGRADATION D'ARTICLES PERISSABLES

(71) **BERNARD TECHNOLOGIES, INC.** [US/US]; 75 East Wacker Drive, Suite 500, Chicago, IL 60601 (US).
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(72, 75) **BARENBERG, Sumner, A.** [US/US]; c/o Bernard Technologies, Inc., 75 East Wacker Drive, Suite 500, Chicago, IL 60601 (US). **GRAY, Peter, N.** [US/US]; c/o Bernard Technologies, Inc., 75 East Wacker Drive, Suite 500, Chicago, IL 60601 (US). **PUTZ, Gordon, R.** [US/US]; c/o Bernard Technologies, Inc., 75 East Wacker Drive, Suite 500, Chicago, IL 60601 (US). **LELAH, Michael, D.** [US/US]; c/o Bernard Technologies, Inc., 75 East Wacker Drive, Suite 500, Chicago, IL 60601 (US).

(74) **TUEGEL, Donald, W.** et al. / etc.; Sen-niger, Powers, Leavitt & Roedel, 1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23B 4/16, A23L 1/317**

(11) **WO 03/086089** (13) A1

(21) PCT/US03/11040

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/120,729 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR TREATING A pH ENHANCED FOOD-STUFF
• PROCEDE ET APPAREIL DE TRAITEMENT D'UN ALIMENT A PH AMELIORE

(71) **FREEZING MACHINES, INC.** [US/US]; 891 Two Rivers Drive, Dakota Dunes, SD 57049 (US).

(72) **ROTH, Eldon**; 891 Two Rivers Drive, Dakota Dunes, SD 57049 (US).

(74) **CULBERTSON, Russell, D.** et al. / etc.; Shaffer & Culbertson, L.L.P., Building One, Suite 360, 1250 Capital of Texas Highway S., Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23B 7/10, A23L 1/212**

(11) **WO 03/086090** (13) A1

(21) PCT/KR03/00715

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) ko (26) en

(30) 10-2002-0019233 **9 Apr/avr 2002** KR
(09.04.2002)

(30) 10-2003-0021864 **8 Apr/avr 2003** KR
(08.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • IMMATURE GREEN FRUITS KIMCHI, APRICOT PLUM KIMCHI AND THE METHODS FOR PREPARATION THEREOF

- KIMCHI DE FRUITS VERTS NON MURS, KIMCHI D'ABRICOTS JAPONAIS ET PROCEDES DE PREPARATION DESDITS KIMCHIS

(71, 72) **KIM, Yong-Ho** [KR/KR]; No. 205-201, Yoorim Apartment, 94-1, Kumgok-dong, Buk-ku, Busan 616-810 (KR).

(74) **YOON, Dong-Yol** et al. / etc.; 9th Fl., Yeosam Bldg., 648-23, Yoksam-dong, Kangnam-ku, Seoul 135-748 (KR).

(81) CN JP.

(51)⁷ **A23C 1/12, 1/00**

(11) **WO 03/086091** (13) A1

(21) PCT/DK03/00193

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) PA 2002 00567 **17 Apr/avr 2002** DK
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PROCESS AND PLANT FOR EVAPORATIVE CONCENTRATION AND CRYSTALLIZATION OF A VISCOUS LACTOSE-CONTAINING AQUEOUS LIQUID

- PROCEDE ET INSTALLATION DE CONCENTRATION PAR EVAPORATION ET DE CRISTALLISATION D'UN LIQUIDE AQUEUX CONTENANT DU LACTOSE VISQUEUX

(71) **NIRO A/S** [DK/DK]; Gladsaxevej 305, DK-2860 Søborg (DK).
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(72, 75) **HENNINGFIELD, Thomas, David** [US/US]; 108 North 9th Street, River Falls, WI 54022 (US). **DINESEN, Richard, Andrew** [US/US]; 8604 Pinchurst Alcove, Woodbury, MN 55125 (US).

(74) **SIMONSEN, Christian, Rosendal** et al. / etc.; Internationalt Patent-Bureau A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **A23C 9/12**

(11) **WO 03/086092** (13) A1

(21) PCT/US03/11286

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/121,637 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DAIRY BEVERAGE AND METHOD OF PREPARATION THEREOF

- BOISSON LACTEE ET PROCEDE DE PREPARATION ASSOCIE

(71) **GENERAL MILLS, INC.** [US/US]; 4SE, Number One General Mills Blvd., PO Box 1113, Minneapolis, MN 55440 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONKOLY, Amy** [US/US]; 13595 Essex Court, Eden Prairie, MN 55347 (US). **BAKER, Marthana, A.** [US/US]; 15408 40th Avenue North, Plymouth, MN 55446 (US). **NORQUIST, Penny, L.** [US/US]; 1959 Montreal Avenue, St. Paul, MN 55116 (US). **SCHOENFUSS, Tonya, C.** [US/US]; 3961 Brunswick Avenue South, St. Louis Park, MN 55416 (US). **SPRINGER, Thomas, J.** [US/US]; 5249 Idaho Avenue North, Crystal, MN 55428 (US). **ZACHO, Michelle** [US/US]; 915 Benton Street, Anoka, MN 55303 (US).

(74) **FRAWLEY, Annette, M.** et al. / etc.; 4SE, Number One General Mills Blvd., PO Box 1113, Minneapolis, MN 55440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ A23C 19/032

(11) WO 03/086093 (13) A1

(21) PCT/JP03/04649

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 2002-111083 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-213338 23 Jul/juil 2002 JP (23.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEESE CAPABLE OF DISINFECTING HELICOBACTER PYLORI

• FROMAGE AYANT UN EFFET DE DESINFECTATION CONTRE L'<I>HELICOBACTER PYLORI</I>

(71) MEIJI DAIRIES CORPORATION [JP/JP]; 2-10, Shin-suna 1-chome, Koto-ku, Tokyo 136-8908 (JP).

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(72, 75) HAYASHI, Shunji [JP/JP]; Research & Development Center of Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). AIZAWA, Shigeru [JP/JP]; Research & Development Center of Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). TAKEMOTO, Naoki [JP/JP]; Food Functionality Research Institute of Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). NAKATSUBO, Tadashi [JP/JP]; Research & Development Center of Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). MATSUNAGA, Noriaki [JP/JP]; Research & Development Center of Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). KIMURA, Katsunori [JP/JP]; Food Functionality Research Institute of Meiji Dairies

Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, Ark Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23G 1/00, 3/00

(11) WO 03/086094 (13) A1

(21) PCT/EP03/03521

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0208492.9 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHOCOLATE STICKS CONTAINING INCLUSIONS

• BARRES DE CHOCOLAT CONTENANT DES INCLUSIONS

(71) SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JURY, Mark [GB/GB]; Julians, Bagby, Thirsk, North Yorkshire YO7 2PH (GB). CHALLET, André [CH/CH]; 5, rue des Ménestrels, CH-1635 Tour de Treme (CH). AISTHORPE, David [GB/GB]; 44A Garfield Terrace, York YO26 4XU (GB).

(74) WAVRE, Claude-Alain; 55, avenue Nestlé, CH-1800 Vevey (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE

SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A23G 3/00

(11) WO 03/086095 (13) A1

(21) PCT/BR03/00057

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) MU 8200823-O 10 Apr/avr 2002 BR (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONSTRUCTIVE DISPOSITION INTRODUCED IN LOLLIPOPS

• SUCETTE STRUCTUREE

(71) INDUSTRIA DE BALAS FLORESTAL S.A. [BR/BR]; Rodovia BR 386, Km 343 n° 2230, Lajeado, 95900-000 Brazil (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEINECK, Ricardo, Luis [BR/BR]; Rua dos Jasmins, 708, Lajeado, 95900 Brazil (BR).

(74) HAHN, Renato; Rua Demetrio Ribeiro, 990 s/401, 90010-313-Porto-Alegre-RS, Brazil (BR).

(81) CA CN CO CR EC ID IN JP KP MX NZ RU US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23J 3/16, A23G 3/00

(11) WO 03/086096 (13) A1

(21) PCT/JP03/04203

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-099811 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SHAPED FOOD CONTAINING SOY-BEAN 7S PROTEIN AND PROCESS FOR PRODUCING THE SAME

• PRODUIT ALIMENTAIRE PREPARE CONTENANT DE LA PROTEINE 7S DE SOJA ET SON PROCEDE DE PRODUCTION

(71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BABA, Toshimitsu** [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). **OKAJIMA, Tetsuhiko** [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). **HIROTSUKA, Motohiko** [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23K 1/16, A61K 9/08**

(11) **WO 03/086097** (13) A1

(21) PCT/CA03/00523

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,220 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITION FOR MODULATING A PHYSIOLOGICAL REACTION OR INDUCING AN IMMUNE RESPONSE
• COMPOSITION PERMETTANT DE MODULER UNE REACTION PHYSIOLOGIQUE OU D'INDUIRE UNE REACTION IMMUNITAIRE

(71) **PEROS SYSTÈMES TECHNOLOGIES INC.** [CA/CA]; 788, boulevard Méthot, Saint-Nicolas, Québec G7A 3W4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VANDENBERG, Grant, William** [CA/CA]; 217 du Treffle Street, Saint-Augustin-de-Desmaures, Québec G3A 1H9 (CA).

(74) **Ogilvy Renault**; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A23K 1/16, 1/18, A23L 1/305**

(11) **WO 03/086098** (13) A1

(21) PCT/GB03/01481

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 0207830.1 **4 Apr/avr 2002 (04.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANIMAL COMPOSITION
• COMPOSITION POUR ANIMAUX

(71) **MARS UK LIMITED** [GB/GB]; 3D Dundee Road, Slough, Berkshire SL1 4LG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FONE, Janel** [GB/GB]; Pedigree Pet Foods, Mill Street, Melton Mowbray, Leicestershire LE13 1BB (GB).

(74) **CORNISH, Kristina, Victoria, Joy et al.** / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23K 1/16, 1/18, 1/00**

(11) **WO 03/086099** (13) A1

(21) PCT/JP03/04997

(22) **18 Apr/avr 2003 (18.04.2003)**

(25) en (26) en

(30) 2002-153151 **18 Apr/avr 2002 (18.04.2002)** JP

(30) 60/374,814 **24 Apr/avr 2002 (24.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FISH-FARMING SOLID FEED AND PROCESS FOR PRODUCING SAME
• ALIMENTS SOLIDES DE PISCICULTURE ET PROCÉDE DE PRODUCTION CORRESPONDANT

(71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYOTA, Yoshiaki** [JP/JP]; c/o P. & T. C. DEPT., SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku,

Kawasaki-shi, Kanagawa 210-0865 (JP). **SAITO, Makoto** [JP/JP]; c/o P. & T. C. DEPT., SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **ISHII, Hiroshi** [JP/JP]; c/o P. & T. C. DEPT., SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP).

(74) **UCHIDA, Yukio**; Uchida & Associates, Sunny Port Shiba 1005, 5-10, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23K 1/16, 1/18**

(11) **WO 03/086100** (13) A1

(21) PCT/US03/11509

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 10/121,325 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIETARY METHODS FOR CANINE PERFORMANCE ENHANCEMENT
• PROCÉDES ALIMENTAIRES POUR AMÉLIORER LES PERFORMANCES CANINES

(71) **THE IAMS COMPANY** [US/US]; 7250 Poe Avenue, Dayton, OH 45414 (US).

(72) **DAVENPORT, Gary, Mitchell**; 4020 Shell Avenue, Dayton, OH 45415 (US). **KELLY, Russell, Lee**; 701 North Maple Street, Eaton, OH 45320 (US). **ALTOM, Eric, Karl**; 500 Buckeye Drive, Eaton, OH 45320 (US). **LEPINE, Allan, John**; 6475 Landsend Court, Dayton, OH 45414 (US).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23K 3/02

(11) WO 03/086101 (13) A1

(21) PCT/ES03/00159

(22) 7 Apr/avr 2003 (07.04.2003)

(25) es (26) es

(30) P200200893 16 Apr/avr 2002 ES (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR DRYING LEAVES FROM BANANA TREES WHILE PRESERVING THE PHYSIOLOGICAL TANNIN CONTENT AND THE USE THEREOF AS FOOD COMPLEMENT FOR ANIMALS

• PROCEDE DE DESSICCATION DE FEUILLES DE BANANIER PERMETTANT DE CONSERVER LEUR TENEUR EN TANIN PHYSIOLOGIQUE, ET UTILISATION DE CES FEUILLES DESSECHÉES EN TANT QUE COMPLEMENT DE L'ALIMENTATION ANIMALE

(71, 72) RUIZ GABALDON, Angel [ES/ES]; Calle Dolores Romero, 30, 28028 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A23L

(11) WO 03/086102 (13) A2

(21) PCT/AT03/00114

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) A 601/2002 18 Apr/avr 2002 AT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PRODUCTION OF POTATO JUICE PRODUCTS BY MEANS OF FOOD TECHNOLOGY

• PROCEDE D'OBTENTION PAR DES TECHNIQUES RELATIVES AUX PRODUITS ALIMENTAIRES DE PRODUITS A BASE DE JUS DE POMME DE TERRE

(71) VIS-VITALIS LIZENZ- UND HANDELS AG [AT/AT]; Salzachtal Bundesstrasse 9, A-5081 Anif (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÖSSLER, Peter [AT/AT]; Bruckdorf 135, A-5571 Mariapfarr (AT). FUCHS, Norbert [AT/AT]; Bruckdorf 135, A-5571 Mariapfarr (AT).

(74) SONN & PARTNER; Riemergasse 14, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L

(11) WO 03/086103 (13) A2

(21) PCT/US03/07294

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 60/372,272 12 Apr/avr 2002 US (12.04.2002)

(30) 10/170,823 13 Jun/juin 2002 US (13.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS, DEVICES, AND SYSTEMS FOR SECURING OR REMOVING LEADING EDGE PORTIONS OF MOVING FOOD PRODUCTS

• PROCEDES, DISPOSITIFS ET SYSTEMES POUR FIXER OU RETIRER LES PARTIES BORDS D'ATTAQUE DE PRODUITS ALIMENTAIRES EN MOUVEMENT

(71) GOODMARK FOODS, INC. [US/US]; 4851 Jones Sausage Road, Garner, NC 27529 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHEFET, Sarid, M. [IL/US]; 200 Longbridge Drive, Cary, NC 27511 (US).

(74) RICHARDSON, Julie, H.; Myers, Bigel, Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23L 1/00, A23P 1/04

(11) WO 03/086104 (13) A1

(21) PCT/CA03/00520

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/120,621 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENCAPSULATED AGGLOMERATION OF MICROCAPSULES AND METHOD FOR THE PREPARATION THEREOF

• AGGLOMERATION ENCAPSULEE DE MICROCAPSULES ET PROCEDE DE FABRICATION CORRESPONDANT

(71) OCEAN NUTRITION CANADA LTD. [CA/CA]; 1721 Lower Water Street, Halifax, Nova Scotia B3J 1S5 (CA).

(72) YAN, Nianxi; 28 Lancaster Drive, Halifax, Nova Scotia B3S 1E7 (CA).

(74) SCHWARTZ, David, E. et al. / etc.; Smart & Biggar, P.O. Box 2999, Station D, 900 - 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23L 1/06, A23J 3/16

(11) WO 03/086105 (13) A1

(21) PCT/JP03/04248

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-101105 3 Apr/avr 2002 JP (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • JELLY FOOD CONTAINING SOYBEAN 7S-PROTEIN

• ALIMENT GELIFIE CONTENANT DES PROTEINES 7S DE SOJA

(71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BABA, Toshimitsu [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). KOHNO, Mitsutaka [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). HIROTSUKA, Motohiko [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A23L 1/19, A23D 7/00, 7/015
(11) WO 03/086106 (13) A1
(21) PCT/EP03/02750
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 02252704.8 17 Apr/avr 2002 EP
(17.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SPOONABLE WATER-CONTINUOUS
ACIDIFIED FOOD PRODUCT
• PRODUIT ALIMENTAIRE ACIDIFIE
A PHASE AQUEUSE CONTINUE
CUILLERABLE
(71) UNILEVER N.V. [NL/NL]; Unilever N.V.,
Weena 455, NL-3013 AL Rotterdam (NL).
*(only for / seulement pour AL AM AT AZ BA
BE BF BG BJ BR BY CF CG CH CI CM CN
CO CR CU CZ DE DK DM DZ EC EE ES FI
FR GA GE GN GQ GR GW HR HU ID IS IT
JP KG KP KR KZ LR LT LU LV MA MC MD
MG MK ML MR MX MZ NE NI NL NO PH
PL PT RO RU SE SI SK SN TD TG TJ TM TN
TR UA UZ VN YU)*
(71) UNILEVER PLC [GB/GB]; Unilever
House, Blackfriars, London, Greater London
EC4 4BQ (GB).
*(only for / seulement pour AE AG AU BB BZ
CA CY GB GD GH GM IE IL KE LC LK LS
MN MW NZ OM SC SD SG SL SZ TT TZ UG
VC ZA ZM ZW)*
(71) HINDUSTAN LEVER LIMITED [IN/IN];
Hindustan Lever House, 165/166 Backbay
Reclamation, Maharashtra, 400 020 Mumbai
(IN).
(only for / seulement pour IN)
(72, 75) BOT, Arjen [NL/NL]; Unilever R &
D Vlaardingen, Olivier van Noortlaan 120,
NL-3133 AT Vlaardingen (NL). FOSTER,
Timothy, John [GB/GB]; Unilever R & D
Colworth, Sharnbrook, Bedford, Bedford-
shire MK44 1LQ (GB). LUNDIN, Leif,
Orjan [GB/GB]; Unilever R & D Col-
worth, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB). PELAN, Barbara, Mar-
garetha, Catharina [NL/NL]; Unilever R
& D Vlaardingen, Olivier van Noortlaan
120, NL-3133 AT Vlaardingen (NL). REIF-
FERS-MAGNANI, Christel [NL/NL];
Unilever R & D Vlaardingen, Olivier van
Noortlaan 120, NL-3133 AT Vlaardingen
(NL).
(74) VAN VELZEN, Maaïke, Mathilde;
Unilever NV, Patent Department, Olivier
van Noortlaan 120, NL-3133 AT Vlaardingen
(NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
-
- (51)⁷ A23L 1/29, A61K 31/70, 35/78
(11) WO 03/086107 (13) A1
(21) PCT/ES03/00158
(22) 7 Apr/avr 2003 (07.04.2003)
(25) es (26) es
(30) P200200894 16 Apr/avr 2002 ES
(16.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD FOR OBTAINING A PHYSI-
OLOGICAL TANNIN EXTRACT FROM
BANANA TREES AND THE USE
THEREOF AS FOOD COMPLEMENT
• PROCEDE D'OBTENTION D'UN EX-
TRAIT DE TANIN PHYSIOLOGIQUE
A PARTIR DE BANANIERES ET SON
UTILISATION EN TANT QUE COM-
PLEMENT ALIMENTAIRE
(71, 72) RUIZ GABALDON, Angel [ES/ES];
Calle Dolores Romero, 30, 28028 Madrid
(ES).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A23L 1/30, A61K 9/107, 31/575, A61P
3/06
(11) WO 03/086108 (13) A1
(21) PCT/US03/10899
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 60/371,161 10 Apr/avr 2002 US
(10.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • HYDROTHERMICALLY PROCESSED
COMPOSITIONS CONTAINING PHY-
TOSTEROLS
• COMPOSITIONS TRAITEES DE MA-
NIERE HYDROTHERMIQUE CONTE-
NANT DES PHYTOSTEROLS
(71, 72) BINDER, Thomas, P. [US/US]; 2323
West Packard, Decatur, IL 62521 (US).
GOTTEMOLLER, Thomas, V. [US/US];
1565 Alexander Drive, Mount Zion, IL 62549
(US).
(74) LUDWIG, Steven, R. et al. / etc.; Sterne,
Kessler, Goldstein & Fox P.L.L.C., 1100 New
York Avenue, N.W., Washington, DC 20005-
3934 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ A23L 1/318, 1/22, 1/221, 3/3472, A23B
4/20
(11) WO 03/086109 (13) A1
(21) PCT/US03/10825
(22) 8 Apr/avr 2003 (08.04.2003)
(25) en (26) en
(30) 60/370,850 8 Apr/avr 2002 US
(08.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • LABIATAE HERB EXTRACT COMPO-
SITIONS READILY DISPERSIBLE IN
COLD BRINE
• COMPOSITIONS D'EXTRAITS
D'HERBES DE LABIACEES SE DIS-
PERSANT FACILEMENT DANS UNE
SAUMURE FROIDE
(71) KALSEC, INCORPORATED [US/US];
Donald R. Berdahl, 3713 West Main, Kala-
mazoo, MI 49006 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) TODD, Paul, H., Jr. [US/US]; 3713
West Main, Kalamazoo, MI 49006 (US).
WILLIAMS, P., Douglas [US/US]; 858
Dobbin Drive, Kalamazoo, MI 49006 (US).
REYNHOUT, Gregory, S. [US/US]; 8807
North 17th Street, Kalamazoo, MI 49009
(US). WALTER, Polly, A. [US/US]; 1507
Concord Place, Apt. #2D, Kalamazoo, MI
49009 (US).
(74) WILLIAMS, JR., Sidney, B. et al. / etc.;
FLYNN, THIEL, BOUTELL & TANIS, P.C.,
2026 Rambling Road, Kalamazoo, MI 49008-
1631 (US).
(81) AU CA MX NZ US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ A23L 2/52
(11) WO 03/086110 (13) A1
(21) PCT/AU03/00438
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) PS 1833 9 Apr/avr 2002 AU
(09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MANUFACTURED MINERAL WATER COMPOSITION
• COMPOSITION D'EAU MINERALE FABRIQUEE
- (71) BELAIR BIOTECHNOLOGY PTY LTD [AU/AU]; 6 Wattle Grove, Belair, S.A. 5052 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAEHNE, Ian, David [AU/AU]; 6 Wattle Grove, Belair, S.A. 5052 (AU).
- (74) A.P.T. PATENT AND TRADE MARK ATTORNEYS; PO Box 222, Mitcham, S.A. 5062 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23N 15/00
- (11) WO 03/086111 (13) A1
- (21) PCT/FI03/00268
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) fi (26) en
- (30) 20020718 12 Apr/avr 2002 FI (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR PROCESSING VEGETABLES
• PROCEDE ET APPAREIL DESTINES A TRAITER DES LEGUMES
- (71) FORSFOOD OY [FI/FI]; Ajokkikuja 5, FIN-61800 Kauhajoki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDFORS, Heikki [FI/FI]; Sirkantie 15, FIN-61800 Kauhajoki (FI).
- (74) JYVÄSKYLÄN PATENTTITOIMISTO BERGGREN OY AB; Ohjelmakaari 1, FIN-40500 Jyväskylä (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A24B 15/10
- (11) WO 03/086112 (13) A1
- (21) PCT/US03/03456
- (22) 6 Feb/fév 2003 (06.02.2003)
- (25) en (26) en
- (30) 10/117,220 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF OXYHYDROXIDE COMPOUNDS FOR REDUCING CARBON MONOXIDE IN THE MAINSTREAM SMOKE OF A CIGARETTE
• UTILISATION DE COMPOSES D'OXY-HYDROXYDE POUR LA REDUCTION DU MONOXYDE DE CARBONE DANS LA FUMEE PRINCIPALE D'UNE CIGARETTE
- (71) PHILIP MORRIS PRODUCTS INC. [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAJALIGOL, Mohammad [US/US]; 2902 Sweetspire Ridge, Midlothian, VA 23112 (US). LI, Ping [US/US]; 6267 Verdicht Court, Chesterfield, VA 23832 (US).
- (74) SKIFF, Peter, K. et al. / etc.; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)⁷ A24B 15/16
- (11) WO 03/086113 (13) A1
- (21) PCT/KR02/00924
- (22) 17 May/mai 2002 (17.05.2002)
- (25) en (26) en
- (30) 2002/20098 12 Apr/avr 2002 KR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CIGARETTE AIDING IN QUITTING SMOKING AND METHOD OF MAKING THE SAME
• CIGARETTE AIDANT A CESSER DE FUMER ET PROCEDE DE FABRICATION CORRESPONDANT
- (71, 72) PARK, Sung-Bae [KR/KR]; 18-1701 Donga APT., 70-125 Bupyeong, 1-dong, Bupyeong-gu, Incheon 403-818 (KR).
- (74) CHOI, Yong-Won et al. / etc.; 4th., Myungdo Bldg., 1542-21 Seocho-3dong, Seocho-gu, Seoul 137-073 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A24C 5/39, B65G 37/00
- (11) WO 03/086114 (13) A1
- (21) PCT/PL03/00008
- (22) 31 Jan/jan 2003 (31.01.2003)
- (25) en (26) en
- (30) P 353 387 12 Apr/avr 2002 PL (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BELT CONVEYOR FOR TRANSPORTING TOBACCO MATERIALS
• TRANSPORTEUR A COURROIE DE TABAC
- (71) INTERNATIONAL TOBACCO MACHINERY POLAND LTD. [PL/PL]; ul. Warszawa 19a, P.O. Box 113, PL-26-600 Radom (PL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOJNACKI, Jerzy, Wojciech [PL/PL]; ul. Pamieci Katynia 12a m.22, PL-26-600 Radom (PL).
- (74) SIERPINSKA, Urszula; Patpol Ltd., ul. Nowoursynowska 162J, 02-776 Warszawa (PL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A24D 1/00

(11) WO 03/086115 (13) A1

(21) PCT/US03/10646

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/371,729 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PARTIALLY REDUCED NANOPARTICLE ADDITIVES

- ADDITIFS PARTIELLEMENT REDUITS SOUS FORME DE NANOPARTICULES

(71) PHILIP MORRIS PRODUCTS INC. [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).

(72) LI, Ping; 6267 Verdict Court, Chesterfield, VA 23832 (US). RASOULI, Firooz; 1807 Gildenborough Court, Midlothian, VA 23113 (US). HAJALIGOL, Mohammad; 5828 Spinnaker Cove Road, Midlothian, VA 23113 (US).

(74) SKIFF, Peter, K. et al. / etc.; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A24D 3/04

(11) WO 03/086116 (13) A1

(21) PCT/US03/11050

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,184 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTIVATED CARBON FIBER CIGARETTE FILTER

- FILTRE A CIGARETTE EN FIBRES DE CARBONE ACTIVEES

(71) PHILIP MORRIS PRODUCTS, S.A. [US/US]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XUE, Lixin [CN/US]; 14307 Huntgate Wood Road, Midlothian, VA 23112 (US). NEPOMUCENO, Jose, G. [US/US]; 16052 Daybreak Lane, Beaverdam, VA 23015 (US). ZHUANG, Shuzhong [CN/US]; 7714 Bannockburn Drive, Apt. D, Richmond, VA 23225 (US). SHERWOOD, Timothy, Scott [US/US]; 11506 Courthouse Acres Drive, Midlothian, VA 23114 (US). PAINE, John, Bryant, III [US/US]; 13630 Trilithon Road, Midlothian, VA 23113 (US). FOURNIER, Jay, A. [US/US]; 11771 Wexwood Drive, Richmond, VA 23236 (US). THOMAS, Charles, Edwin, Jr. [US/US]; 13208 Forest Light Court, Richmond, VA 23233 (US). KOLLER, Kent, Brian [US/US]; 8401 Kintail Drive, Chesterfield, VA 23838 (US). YU, Liquan [CN/US]; 11904 Warminster Court, Midlothian, VA 23113 (US).

(74) BECK, Richard, M.; Connolly Bove Lodge & Hutz LLP, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A24D 3/06, 3/08

(11) WO 03/086117 (13) A1

(21) PCT/HU02/00041

(22) 15 May/mai 2002 (15.05.2002)

(25) en (26) en

(30) P0201257 17 Apr/avr 2002 HU
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILTER UNIT FOR FILTER-CIGARETTES AND FILTER CIGARETTES

- UNITE DE FILTRE POUR CIGARETTES AVEC FILTRE ET CIGARETTES AVEC FILTRE

(71, 72) ROZIM, Péter [HU/HU]; Kertalja út 32., H-3300 Eger (HU).

(74) DANUBIA PATENT AND TRADEMARK ATTORNEYS; Bajcsy Zsilinszky út 16., H-1051 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A24F 19/00

(11) WO 03/086118 (13) A1

(21) PCT/TR02/00049

(22) 3 Sep/sep 2002 (03.09.2002)

(25) en (26) en

(30) 02/01077 18 Apr/avr 2002 TR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ASH-TRAY WITH SMOKE FILTER

- CENDRIER DOTE D'UN FILTRE A FUMEE

(71, 72) KARAKILIÇ, Mehmet [TR/DE]; Isareckstr. 63, 81673 München (DE).

(74) DESTEK PATENT, INC.; Tophane Ortazar Cad. No:7, 16040 Bursa (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A24F 23/00, B65D 83/04

(11) WO 03/086119 (13) A1

(21) PCT/SE03/00567

(22) 8 Apr/avr 2003 (08.04.2003)

(25) sv (26) en

(30) 0201077-5 9 Apr/avr 2002 SE
(09.04.2002)(30) 0202921-3 3 Oct/oct 2002 SE
(03.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISPENSING APPARATUS FOR POUCH SNUFF

- APPAREIL DE DISTRIBUTION POUR POCHE A TABAC

(71) HAOSHI LIMITED [CN/CN]; 12-18 Mercer St., Suite 602, Gold & Silver Commercial Building, Sheung Wan, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÅSTRÖM, Gunnar [SE/SE]; Völundsgatan 11, S-113 21 Stockholm (SE).

(74) ÅSTRÖM, Gunnar; c/o Åström, Peter, Berghultsvägen 10, S-702 25 Örebro (SE).

(81) AU CA CN IN JP MX NO NZ RU US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A41D

(11) WO 03/086120 (13) A2

(21) PCT/US02/22239

- (22) 6 Apr/avr 2002 (06.04.2002)
(25) en (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SPORTS BINOCULAR VISOR ASSEMBLY AND METHOD
• ENSEMBLE VISIERE BINOCULAIRE POUR MANIFESTATIONS SPORTIVES ET METHODE D'UTILISATION
(71, 72) HIMMELE, Tristram, W. [US/US]; 614 1st Avenue South, Lake Worth, FL 33460 (US).
(74) KRAFT, Clifford, H.; 320 Robin Hill Drive, Naperville, IL 60540 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A41D
(11) WO 03/086121 (13) A2
(21) PCT/US03/10764
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 60/371,239 9 Apr/avr 2002 US (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • NOVEL ARTICLE OF CLOTHING
• ARTICLE VESTIMENTAIRE NOUVEAU
(71, 72) COHEN, Michael, P. [US/US]; Route 1, Box 1230, Dillwyn, VA 23936 (US).
(74) PARKER, Sheldon; Parker & DeStefano, 300 Preston Avenue, Suite 300, Charlottesville, VA 22902 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A41D 13/12, A47K 7/00
(11) WO 03/086122 (13) A1
(21) PCT/GB03/01491
(22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 0207858.2 5 Apr/avr 2002 GB (05.04.2002)
- (30) 0224276.6 18 Oct/oct 2002 GB (18.10.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • MODESTY GARMENT
• VETEMENT DESTINE A PRESERVER LA PUDEUR
(71, 72) CUMMINGS, Christine [GB/GB]; 58 Wilkinson Street, Warrington WA2 7RF (GB).
(74) HARRISON GODDARD FOOTE; Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A42B 1/00
(11) WO 03/086123 (13) A1
(21) PCT/KR03/00698
(22) 8 Apr/avr 2003 (08.04.2003)
(25) ko (26) en
(30) 20-2002-0010599 9 Apr/avr 2002 KR (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • A CAP
• CHAPEAU
(71, 72) SONG, Chi-Ho [KR/KR]; 107-1202, Hyundai Ewha Apt., 828-2, Bijeon 2-dong, Pyungtaek-city, Kyungki-do 450-152 (KR).
(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
(81) CN JP RU US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ A42B 1/06, H04R 25/00
(11) WO 03/086124 (13) A1
(21) PCT/US03/10903
(22) 8 Apr/avr 2003 (08.04.2003)
(25) en (26) en
(30) 60/370,918 8 Apr/avr 2002 US (08.04.2002)
(30) 60/401,990 7 Aug/août 2002 US (07.08.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • EAR PROTECTION DEVICE
• DISPOSITIF DE PROTECTION AUDITIVE
(71, 72) FAUSSETT, Spring, S. [US/US]; 23904 55th Avenue West, Mountlake Terrace, WA 98043 (US). FAUSSETT, Adam, M. [US/US]; 23904 55th Avenue West, Mountlake Terrace, WA 98043 (US). SHIMASAKI, Kevin, W. [US/US]; 15323 Northeast 202nd Street, Woodinville, WA 98072 (US). MAL-MANGER, John [US/US]; 12007 30th Avenue Southwest, Burien, WA 98146 (US).
(74) TARLETON, E., Russell et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A42B 1/24
(11) WO 03/086125 (13) A1
(21) PCT/US03/10988
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
(30) 60/370,880 8 Apr/avr 2002 US (08.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • AIR CURTAIN
• DISPOSITIF DESTINE A PRODUIRE UN RIDEAU D'AIR
(71, 72) MANNE, Joseph [US/US]; 920 Park Avenue, Apt. 3A, New, York, NY 10028 (US).
(74) LUCAS, Donald, C.; Muserlian, Lucas and Mercanti, Llp, 600 Third Avenue, New York, NY 10016 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A42B 3/32, 3/28
(11) WO 03/086126 (13) A1
(21) PCT/GB03/01411
(22) 1 Apr/avr 2003 (01.04.2003)
(25) en (26) en
(30) 0207819.4 4 Apr/avr 2002 GB (04.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MODULAR HELMET
• CASQUE MODULAIRE

(71) MODULAR HELMET SYSTEMS LIMITED [GB/GB]; 69 Greenhead Lane, Chapel-town, Sheffield, South Yorkshire S35 2TN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSIE, Andrew, MacPherson [GB/GB]; 211 Whitehouse Lane, Walkley, Sheffield, South Yorkshire S6 2WA (GB).

(74) HARRISON GODDARD FOOTE; Fountain Precinct, Leopold Street, Sheffield, S1 2QD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A43B 7/22

(11) WO 03/086127 (13) A1

(21) PCT/FR03/01201

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04674 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROPRIOCEPTIVE ORTHOPEDIC SOLE COMPRISING MODULAR CORRECTION MEANS

• SEMELLE ORTHOPÉDIQUE PROPRIOCEPTIVE COMPRENANT DES MOYENS MODULAIRES DE CORRECTION

(71, 72) CHENUT, Pascal [FR/FR]; Chemin Cornillaud, F-21220 Semezanges (FR).

(72, 75) DEREN, Bernard [FR/FR]; 10, impasse du Caron, F-21121 Ahuy (FR). DOUHAIRE, Jean [FR/FR]; 13, rue Neuve Bergère, F-21000 Dijon (FR).

(74) GUIU, Claude; Cabinet Claude Guiu, 10, rue Paul Thénard, F-21000 Dijon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A43B 13/26, A43C 15/16, A43B 5/00

(11) WO 03/086128 (13) A1

(21) PCT/GB03/01515

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0208144.6 9 Apr/avr 2002 GB (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STUDDER FOOTWEAR

• ARTICLE CHAUSSANT A CRAMPONS

(71) TRISPORT LIMITED [GB/GB]; Amber Close, Tamworth Business Park, Amington, Tamworth, Staffordshire B77 4RP (GB).

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(72, 75) KELLY, Paul, Andrew [GB/GB]; 50 Harpers Lane, Atherston, Warwickshire CV9 1NG (GB).

(74) BARKER, Brettell; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A43B 13/26, A43C 15/16, A43B 5/00

(11) WO 03/086129 (13) A1

(21) PCT/GB03/01526

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0208145.3 9 Apr/avr 2002 GB (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STUDDER FOOTWEAR

• ARTICLE CHAUSSANT A CRAMPONS

(71) TRISPORT LIMITED [GB/GB]; Amber Close, Tamworth Business Park, Amington, Tamworth, Staffordshire B77 4RP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLY, Paul, Andrew [GB/GB]; 50 Harpers Lane, Atherston, Warwickshire CV9 1NG (GB). SHUTTLEWORTH, Lee, Paul [GB/GB]; 39 Ferndale Road, Hall Green, Birmingham B28 9AU (GB). CLARK, Stephen, Keith [GB/GB]; 50 Cheswick Way, Cheswick Green, Shirley, Solihull B90 4HE (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham, B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A43B 23/26, 3/24, 5/00, 23/00, 3/12

(11) WO 03/086130 (13) A1

(21) PCT/US02/35694

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/122,995 11 Apr/avr 2002 US (11.04.2002)

(30) 10/222,313 15 Aug/août 2002 US (15.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOOTWEAR WITH REVERSIBLE TONGUE

• CHAUSSURE A LANGUETTE REVERSIBLE

(71) U TURN SPORTS CO., LLC [US/US]; 1408 Haarman Oak Drive, Chesterfield, MO 63005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Lindell, B. [US/US]; 1408 Haarman Oak Drive, Chesterfield, MO 63005 (US). TONKEL, Raymond, F. [US/US]; 71 Atkinson Lane, Sudbury, MO 01776 (US).

(74) DENK, Paul, M.; Paul M. Denk Law Firm, 763 S. New Ballas, St. Louis, MO 63141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A44B 18/00

(11) WO 03/086131 (13) A1

(21) PCT/NL03/00290

(22) 17 Apr/avr 2003 (17.04.2003)

(25) nl (26) en

(30) 1020414 17 Apr/avr 2002 NL (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOOK AND LOOP FASTENER ASSEMBLY

- ENSEMBLE DE FIXATION A BOUCLES ET CROCHETS
- (71) **ARION INTERNATIONAL B.V.** [NL/NL]; Kleinestraat 1, NL-6422 PS Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOOSTEN, Erik, Theodorus, Johannus** [NL/NL]; Kummendaestraat 9, NL-6165 BS Geleen (NL). **POLLMANN, Huibert, Paul, Maria** [NL/NL]; J. Obrechtplein 11/3, NL-1071 KS Amsterdam (NL).
- (74) **PRINS, A., W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A44B 18/00, B29C 44/12, B60N 2/58, B29C 33/12**
- (11) **WO 03/086132** (13) A1
- (21) PCT/US03/09182
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 2002-105339 **8 Apr/avr 2002 (08.04.2002)** JP
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STRIP MEMBER SUPPORTING GUIDE
• GUIDE SOUTIEN DE BANDE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TORIGOE, Shinji** [JP/JP]; 5-8-3-102, Tsurumaki-minami, Hadano, Kanagawa 257-0002 (JP).
- (74) **KNECHT, Harold C., III et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A44C**

(11) **WO 03/086133** (13) A2

(21) PCT/US03/11237

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/120,771 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEMSTONE CUT
• TAILLE DE PIERRE PRECIEUSE

(71) **PREMIER GEM CORPORATION** [US/US]; 587 Fifth Avenue, New York, NY 10017 (US).

(72) **SAMUELS, Stuart**; 510 Saddle Ridge Road, Woodmere, NY 11598 (US).

(74) **HELFGOTT, Samson et al.** / etc.; Katten, Muchin, Zavis, Rosenman, 575 Madison Avenue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A45B 11/04**

(11) **WO 03/086134** (13) A1

(21) PCT/KR02/01079

(22) **7 Jun/juin 2002 (07.06.2002)**

(25) en (26) en

(30) 2002-0019603 **11 Apr/avr 2002 (11.04.2002)** KR

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HEAD MOUNTED UMBRELLA AND MANUFACTURING THE SAME
• DISPOSITIF DE PROTECTION CONTRE LA PLUIE PLACE SUR LA TETE ET PROCEDE DE FABRICATION DE CELUI-CI

(71) **YANG, Man-Ho** [KR/KR]; Daichi Hyundai APT 107 Dong 2001 Ho, 974 Daichi-Dong, Kangnam-Ku, 135-280 Seoul (KR).

(72) **YANG, Jae-Bong**; 182-28, Oryu2-Dong, Guro-Gu, 152-899 Seoul (KR).

(74) **SONG, Han-Chun**; H.Song & Associates Intellectual Property Law Firm, 2nd Floor, Namdo building, 823-24 Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A45C 3/00**

(11) **WO 03/086135** (13) A1

(21) PCT/US03/10671

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/118,151 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBINATION TRAVEL AND LAUNDRY BAG
• SAC DE VOYAGE/A LINGE

(71, 72) **FREEDMAN, Roberta** [US/US]; 6032 NW 73rd Court, Parkland, FL 33067 (US).

(74) **MELES, Pablo**; Akerman, Senterfitt, 222 Lakewiew Avenue, Suite 400, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A45C 3/04**

(11) **WO 03/086136** (13) A2

(21) PCT/FR03/01175

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) fr (26) fr

(30) 02/04842 **18 Apr/avr 2002 (18.04.2002)** FR

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELASTIC DOUBLE BAG
• BESACE ELASTIQUE

(71, 72) **MORTEMARD DE BOISSE, Geneviève** [FR/FR]; 5, cours d'Orbitel, F-13100 Aix-en-Provence (FR).

(74) **SAUVAGE, Renée**; Cabinet Sauvage, 65, boulevard Soult, F-75012 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A45D 7/02

(11) WO 03/086137 (13) A1

(21) PCT/US03/11258

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/117,909 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MECHANIZED HAIR WRAPPING APPARATUS
• APPAREIL MECANISE PERMETTANT D'ENVELOPPER LES CHEVEUX

(71, 72) OGUNRO, E., Olayinka [US/US]; 2727 Bolton Boone, Suite 105, DeSoto, TX 75115 (US).

(72, 75) WAN, Yiu, Kwong [CN/CN]; Albert Wan & Co., Flat 9, 16 Floor, Block B, Hi-Tech Industrial Centre, 491-501 Castle Peak Road, Rsuen Wan, New Territories, Hong Kong (CN).

(74) THOMAS, John, A.; Glast, Phillips & Murray, P.C., 13355 Noel Road, Suite 2200, Dallas, TX 75240 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A45F 3/04, 3/14

(11) WO 03/086138 (13) A1

(21) PCT/HR03/00019

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) P20020338A 17 Apr/avr 2002 HR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • QUICK SLIDE SYSTEM-THE SPEEDY ADJUST AND DRAWSTRING BACK-PACK SYSTEM
• SYSTEME RAPIDE DE BOUCLE SYSTEME DE SAC A DOS A REGLAGE ET SERRAGE PAR COULISSE RAPIDES

(71, 72) BEZAK, Jurica [HR/HR]; Medvescak 72, 10000 Zagreb (HR). PLANCIC, Ante [HR/HR]; Torbarova 2, 10000 Zagreb (HR). LUKAS, Neven [HR/HR]; Domobranska 7, 10000 Zagreb (HR).

(74) INOVA D.O.O.; Trg Zrtava Fasizma 14, 10000 Zagreb (HR).

(81) BG CN CZ DE EE ES FI GB HU IL JP KR MX NO PL PT RO RU SE SK TR UA US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ A45F 3/12, A61F 5/02

(11) WO 03/086139 (13) A1

(21) PCT/EP03/04061

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) MI02A00082 18 Apr/avr 2002 IT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A BACKPACK ATTACHMENT FOR IMPROVED DISTRIBUTION OF THE BACKPACK WEIGHT ACROSS A USER'S SHOULDERS
• FIXATION DE SAC A DOS PERMETTANT UNE REPARTITION AMELIOREE DU POIDS DU SAC A DOS SUR LES EPAULES DE L'UTILISATEUR

(71, 72) LA GRECA, Gaetano [IT/IT]; Via C. Battisti, 37, I-20051 Limbiate (IT).

(74) BOTTI, Mario et al. / etc.; Botti & Ferrari S.r.l., Via Locatelli, 5, I-20124 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A46B 7/04, 15/00, 7/08, 9/06

(11) WO 03/086140 (13) A1

(21) PCT/CH03/00220

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 16 641.2 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOOTHBRUSH AND METHOD FOR PRODUCTION THEREOF
• Brosse A DENTS ET PROCEDE DE FABRICATION

(71) TRISA HOLDING AG [CH/CH]; Kantonstrasse, CH-6234 Triengen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBER, Beat [CH/CH]; Hofstatt 2, CH-6233 Büron (CH). FISCHER, Franz [CH/CH]; Bätzenmoos, CH-6234 Triengen (CH).

(74) SCHAAD BALASS MENZL & PARTNER AG; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A46B 9/04

(11) WO 03/086141 (13) A2

(21) PCT/IL03/00160

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 60/370,258 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GUM MASSAGER DEVICE
• DISPOSITIF DE MASSAGE DES GEN-CIVES

(71) VERIFRESH LTD. [IL/IL]; P.O.Box 4604, 91046 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WELT, Theodore [IL/IL]; 54/1 Haneviim Street, 95141 Jerusalem (IL). WEISBERG, Jonathan H., [IL/IL]; 22/2 Tchernikovsky Street, 92581 Jerusalem (IL).

(74) JEREMY M. BEN-DAVID & CO. LTD.; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A46B 13/02, A61C 17/32

(11) WO 03/086142 (13) A1

(21) PCT/US03/11103

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,261 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWERED TOOTHBRUSH HEAD
• TETE DE Brosse A DENTS ELECTRIQUE

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) FATTORI, Joseph, Edward; 27 Phoenix Drive, Mendham, NJ 07945 (US). JANSSEN,

Gerardus, W., H.; 248 West 20th Street, #B2, New York, NY 10011 (US). **GATZEMEYER, John, J.;** 85 Rohill Road, Hillsborough, NJ 08844 (US).

(74) **GOLDFINE, Henry, S.;** Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **A47B**

(11) **WO 03/086143** (13) A2

(21) PCT/US03/10667

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/370,845 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **TAPERED FURNITURE LEG AND METHOD OF MAKING THE SAME**

• **PIED DE MEUBLE TRONCONIQUE ET SON PROCEDE DE FABRICATION**

(71, 72) **GOTTLIEB, Kevin** [US/US]; 135 Tinari Drive, Richboro, PA 18954 (US).

(74) **GREENE, Gary, A.;** Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 3/00**

(11) **WO 03/086144** (13) A1

(21) PCT/US03/10900

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,486 **9 Apr/avr 2002 (09.04.2002)** US

(30) Not furnished / **8 Apr/avr 2003 (08.04.2003)** US
non communiqué

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **PIVOTAL CONNECTION OF A TABLE LEG TO A FRAME**

• **ARTICULATION PIVOTANTE D'UN PIED DE TABLE SUR UN CADRE**

(71) **LIFETIME PRODUCTS, INC.** [US/US]; P.O. Box 160010, Freeport Center, Building D-11, Clearfield, UT 84016 (US).

(72) **STRONG, Curtis, L.;** 65 North 250 West, Clearfield, UT 84015 (US).

(74) **GILMORE, Richard, C. et al. / etc.;** Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47B 3/083, 3/00**

(11) **WO 03/086145** (13) A1

(21) PCT/US03/10897

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,486 **9 Apr/avr 2002 (09.04.2002)** US

(30) 10/408,914 **8 Apr/avr 2003 (08.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **PORTABLE FOLDING TABLE**

• **TABLE PLIANTE PORTABLE**

(71) **LIFETIME PRODUCTS, INC.** [US/US]; P.O. Box 160010, Freeport Center, Building D-11, Clearfield, UT 84016 (US).

(72) **STRONG, Curtis, L.;** 65 North 250 West, Clearfield, UT 84015 (US). **KEARL, Jacob;** 2808 West 1800 North, Plain City, UT 84404 (US). **HANEY, Thayne;** 1463 South Evalin Circle, Syracuse, UT 84076 (US). **ADAMS, Ray;** 229 West 90 North, Clearfield, UT 84015 (US). **VAN NIMWEGEN, Ed;** 2899 North Cherry Drive, North Ogden, UT 84414 (US). **WINTER, David, C.;** 1956 East 2050 North, Layton, UT 84040 (US).

(74) **GILMORE, Richard, C. et al. / etc.;** Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 13/00, 3/00**

(11) **WO 03/086146** (13) A1

(21) PCT/US03/10875

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,486 **9 Apr/avr 2002 (09.04.2002)** US

(30) Not furnished / **8 Apr/avr 2003 (08.04.2003)** US
non communiqué

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **FRAME THAT CAN BE ATTACHED TO A TABLE TOP WITHOUT MECHANICAL FASTENERS**

• **OSSATURE POUVANT ETRE FIXEE SUR UN PLATEAU DE TABLE SANS DISPOSITIFS DE FIXATION MECANIQUES**

(71) **LIFETIME PRODUCTS, INC.** [US/US]; P.O. Box 160010, Freeport Center, Building D-11, Clearfield, UT 84016 (US).

(72) **STRONG, Curtis, L.;** 65 North 250 West, Clearfield, UT 84015 (US). **ADAMS, Ray;** 229 West 90 North, Clearfield, UT 85015 (US). **WINTER, David, C.;** 1956 East 2050 North, Layton, UT 84040 (US).

(74) **GILMORE, Richard, C. et al. / etc.;** Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 13/00**

(11) **WO 03/086147** (13) A1

(21) PCT/US03/12455

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,486 **9 Apr/avr 2002 (09.04.2002)** US

(30) 10/408,469 **8 Apr/avr 2003 (08.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **PIVOTAL CONNECTION OF A SUPPORT BRACE TO A TABLE LEG AND A TABLE TOP**

• **CONNEXION PIVOTANTE D'UNE ENTRETOISE DE SUPPORT A UN PIED ET A UN PLATEAU DE TABLE**

(71) **LIFETIME PRODUCTS, INC.** [US/US]; P.O. Box 160010, Building D-11, Freeport Center, Clearfield, UT 84016 (US).

(72) **STRONG, Curtis, L.**; 65 North 250 West, Clearfield, UT 84015 (US). **ADAMS, Ray**; 229 West 90 North, Clearfield, UT 84015 (US).

(74) **GILMORE, Richard, C.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 57/48, 9/14**

(11) **WO 03/086148** (13) A1

(21) PCT/CH03/00249

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 622/02 **12 Apr/avr 2002** CH (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HOLDING SYSTEM OR HOLDING MEANS FOR SHELVES**

• **SYSTEME DE RETENUE, NOTAMMENT SYSTEME DE RETENUE POUR ETAGERE**

(71, 72) **STEIGER, Balz** [CH/CH]; Erlengutstrasse 2, CH-8703 Erlenbach (CH).

(74) **IP & T RENTSCH UND PARTNER**; Fraumünsterstrasse 9, Postfach 2441, CH-8022 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47B 81/06**

(11) **WO 03/086149** (13) A2

(21) PCT/US03/10125

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 60/370,267 **5 Apr/avr 2002** US (05.04.2002)

(30) 60/416,121 **4 Oct/oct 2002** US (04.10.2002)

(30) Not furnished / **31 Mar/mar 2003** US non communiqué (31.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **MODULAR SPEAKER CONSTRUCTION**

• **STRUCTURE DE HAUT-PARLEUR MODULAIRE**

(71) **GIBSON GUITAR CORP.** [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).

(72) **POWELL, Mark, H.**; 13969 Marquesas Way #207B, Marina Del Rey, CA 90292 (US).

(74) **SHOUSE, Emily, A.**; WADDEY & PATTERSON, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 91/00**

(11) **WO 03/086150** (13) A2

(21) PCT/DE03/01303

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) de (26) de

(30) 102 17 411.3 **18 Apr/avr 2002** DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BEARING ELEMENT FOR OBJECTS AND PERSONS**

• **CORPS DE SUPPORT POUR DES OBJETS ET DES PERSONNES**

(71) **ASTRON COMMUNICATION GMBH** [DE/DE]; Donnerstrasse 10, 22763 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLLAK, Rudolf** [DE/DE]; Steinbeker Strasse 10, 20537 Hamburg (DE).

(74) **ROHNKE, Christian**; White & Case, Feddersen, Jungfernstieg 51, 20354 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A47C 19/02**

(11) **WO 03/086151** (13) A1

(21) PCT/US03/11597

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 60/371,969 **12 Apr/avr 2002** US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **CASSETTE BEDDING SYSTEM**

• **SYSTEME DE LITERIE CASSETTE**

(71) **DREAMWELL, LTD.** [US/US]; 2325-B Renaissance Drive, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLYER, Robert** [US/US]; 490 Thornwyck Trail, Roswell, GA 30076 (US). **EITEL, Charles** [US/US]; 3260 West Paces Park Court, Atlanta, GA 30327 (US). **DAMEWOOD, Kevin** [US/US]; 8620 Havenwood Trail, Rosewall, GA 30076 (US). **KUCHEL, Bernhard, W.** [US/US]; 2470 Bermuda Road, Stone Mountain, GA 30087 (US). **DEFRANKS, Micheal, S.** [US/US]; 1304 Amanda Circle, Decatur, GA 30033 (US).

(74) **KELLY, Edward, J.** et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47C 27/08, A47G 9/00**

(11) **WO 03/086152** (13) A1

(21) PCT/US03/11294

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/371,960 **11 Apr/avr 2002** US (11.04.2002)

(30) 60/374,878 **23 Apr/avr 2002** US (23.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BODY SUPPORT SURFACE COMFORT DEVICE**

• **DISPOSITIF DESTINE A AMELIORER LE CONFORT DE SURFACES DE SOUTIEN DU CORPS**

(71, 72) **CHAFFEE, Robert, B.** [US/US]; 78 Montgomery Street, Boston, MA 02116 (US).

(74) ANASTASI, John, N.; Lowrie, Lando & Anastasi, LLP, One Main Street, Eleventh Floor, Cambridge, MA 02142 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47G

(11) WO 03/086153 (13) A2

(21) PCT/US03/10904

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/124,810 12 Apr/avr 2002 US (12.04.2002)

(30) 10/124,812 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DECORATIVE FLORAL SLEEVE
• ETUI FLORAL DECORATIF

(71) SOUTHPAC TRUST INTERNATIONAL, INC. NOT INDIVIDUALLY, BUT AS TRUSTEE OF THE FAMILY TRUST U/T/A DATED DECEMBER 8, 1995 [CK/CK]; Centrepoint, 2nd Floor, Raratonga (CK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEDER, Donald, E. [US/US]; 1111 Sixth Street, Highland, IL 62249 (US).

(74) BERG, Richard, P. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47G 1/06, 1/14

(11) WO 03/086154 (13) A1

(21) PCT/GB03/01634

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0208488.7 12 Apr/avr 2002 GB (12.04.2002)

(30) 0217062.9 23 Jul/juil 2002 GB (23.07.2002)

(30) 0217164.3 24 Jul/juil 2002 GB (24.07.2002)

(30) 0228291.1 4 Dec/déc 2002 GB (04.12.2002)

(30) 0306793.1 24 Mar/mar 2003 GB (24.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DISPLAY UNIT
• UNITE DE PRESENTATION

(71, 72) PARRY, Davies, Timothy, Richard [GB/GB]; 80 Richmond Way, London W14 OAR (GB).

(74) DRAPER, Martyn, John et al. / etc.; Bold Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47G 9/10, 9/00

(11) WO 03/086155 (13) A1

(21) PCT/DK03/00248

(22) 11 Apr/avr 2003 (11.04.2003)

(25) da (26) en

(30) PA 2002 00562 16 Apr/avr 2002 DK (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF IMPROVING THE ADAPTABILITY OF A SUPPORT PILLOW
• PROCEDE POUR CONFERER A UN COUSSIN UNE CAPACITE D'ADAPTATION AMELIOREE

(71) QUILTS OF DENMARK A/S [DK/DK]; Pantonevej 1, DK-6580 Vamdrup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Hans, Erik [DK/DK]; Kastvrævej 27, DK-6560 Sommersted (DK).

(74) ZACCO DENMARK A/S; Aaboulevard 17, P.O. Box 5020, DK-8100 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47J

(11) WO 03/086156 (13) A2

(21) PCT/IL03/00258

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/371,429 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COOKING APPLIANCE AND METHOD PARTICULARLY USEFUL FOR DEEP-FRYING FOOD ARTICLES
• APPAREIL DE CUISSON ET PROCEDE PARTICULIEREMENT ADAPTE A LA GRANDE FRITURE D'ALIMENTS

(71) AAC TRADE LTD. [US/US]; 50 West 34th Street, Suite # 7 - C6, New York, NY 10001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAVI, Josef [US/US]; 177 Main Street, Suite 358, Fort Lee, NJ 07024 (US). COHEN, Eli [IL/IL]; Moshav Tzur Moshe, 42 810 Lev HaSharon (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47J 31/44, 31/46

(11) WO 03/086157 (13) A1

(21) PCT/IT02/00249

(22) 18 Apr/avr 2002 (18.04.2002)

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MACHINE FOR PREPARING BEVERAGES
• MACHINE POUR PREPARER DES BOISSONS

(71) TUTTOESPRESSO S.P.A. [IT/IT]; Via Trieste, 49, I-21042 Caronno Petrusella (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAJER DOGLIONI, Luca [IT/IT]; Via Vincenzo Monti, 57, I-20145 Milan (IT).

(74) VALENTINI, Giuliano; Marietti, Gislon e Trupiano S.r.l., Via Larga, 16, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47J 43/044, B02C 18/08

(11) WO 03/086158 (13) A1

(21) PCT/EP02/13116

(22) 22 Nov/nov 2002 (22.11.2002)

(25) de (26) de

(30) 102 17 189.0 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESSING CONTAINER FOR FOODSTUFFS
• RECIPIENT DE TRAITEMENT POUR PRODUITS ALIMENTAIRES

(71) BRAUN GMBH [DE/DE]; Frankfurter Stasse 145, 61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILI, Sergi [ES/ES]; Castella, 46, E-08820 El Prat del Llobregat (Barcelona) (ES). SAFONT, Vicenc [ES/ES]; Residencial Cami d'Allella, Lluís Companys, 48, E-08039 Montgat (Barcelona) (ES). RAFOLS, Robert [ES/ES]; Cirerers, 17, E-08100 Sant Fost de Campcentelles (ES). HERNANDEZ, Alejandro [ES/ES]; Placa del Centre, 7-8, 2on 4a, E-43700 El Vendrell (Tarragona) (ES). PEÑARANDA, Mariano [ES/ES]; Rosa Sensat, 20, E-08005 Barcelona (ES). LORENZ, Marga [DE/DE]; Marc Ráfols, 13-15, 2o 2a, E-08870 Sitges (Barcelona) (ES).

(74) BRAUN GMBH; Frankfurter Stasse 145, 61476 Kronberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47K 5/12

(11) WO 03/086159 (13) A1

(21) PCT/FR03/01193

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 0204711 16 Apr/avr 2002 FR (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECURE SANITARY SPRAY DEVICE
• DISPOSITIF SANITAIRE DE PULVERISATION SECURISE

(71) GENIE ET ENVIRONNEMENT [FR/FR]; 13, rue de Rixheim, F-68100 Mulhouse (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERCIER, Joël [FR/FR]; 694, chemin du Beal, F-06480 La Colle sur Loup (FR).

(74) DRONNE, Guy et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A47K 7/08

(11) WO 03/086160 (13) A1

(21) PCT/KR02/01451

(22) 31 Jul/juil 2002 (31.07.2002)

(25) ko (26) en

(30) 2002-18928 8 Apr/avr 2002 KR (08.04.2002)

(30) 2002-11295 15 Apr/avr 2002 KR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE BIDET AND NOZZLE THEREOF
• BIDET PORTATIF AVEC BUSE

(71, 72) LIM, Sam Kyun [KR/KR]; 4-B2 Jung-gwangpark Villa, 1315-16 Guwol 4-dong, Namdong-gu, Incheon 405-220 (KR).

(74) MOON, Seung Young; 402 Teheran Building, 825-33 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47K 13/10

(11) WO 03/086161 (13) A1

(21) PCT/BR03/00058

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 695/2002 9 Apr/avr 2002 CL (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC TOILET SEAT LIFTING APPARATUS
• APPAREIL DE LEVAGE AUTOMATIQUE DE SIEGE DE TOILETTES

(71) CORREA LOMANDO, Cristian [BR/BR]; Av. Belém Velho, 4139 casa 10, CEP-91740-810 Porto Alegre, RS (BR).
(only for / seulement pour BR CA MX US)

(71) BRIGNARDELLO, Alvarado, Aldo, Estebán [SE/ES]; c/Toledo N° 26, chalet 120, Guadarrama, E-28440 Madrid (ES).
(only for / seulement pour AT BE BG CH CN CY CZ DE DK EE ES FI FR GB GR HU IE IN IT JP KR LU MC NL PT RO RU SE SI SK TR)

(71, 72) BRIGNARDELLO, Alvarado, Mauricio, Fernando [CL/CL]; Las Trutucas 7459, Las Condes, Santiago 6770894 (CL).

(74) CORREA LOMANDO, Cristian; Av. Belém Velho, 4139 casa 10, CEP-91740-810 Porto Alegre, RS (BR).

(81) BR CA CN ES IN JP KR MX RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (n)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CA MX US; (s) for the following designations / pour les désignations suivantes : CN IN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : BR CA MX US; (t) for the following designations / pour les désignations suivantes : CN IN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(v) for the following designations / pour les désignations suivantes : BR CA MX US; (v) for the following designations / pour les désignations suivantes : CN IN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ A47K 13/14

(11) WO 03/086162 (13) A1

(21) PCT/IT03/00248

(22) 17 Apr/avr 2003 (17.04.2003)

(25) it (26) en

(30) PG2002U000002 18 Apr/avr 2002 IT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYGIENIC PAD FOR WATER CLOSET SEATS

• FEUILLE HYGIENIQUE DE PROTECTION POUR SIEGES DE TOILETTE

(71) SELF CARE S.R.L. [IT/IT]; Zona Industriale Padule, I-06024 Gubbio (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANTARELLI, Fulvio [IT/IT]; 34, Via XXIV Maggio, I-06023 Gualdo Tadino (IT).

(74) BALDI, Claudio; Piazza Ghislieri, 3, I-60035 Jesi (AN) (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A47L

(11) WO 03/086163 (13) A2

(21) PCT/US03/11356

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,858 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,783 10 Apr/avr 2002 US (10.04.2002)

(30) 10/188,611 2 Jul/juil 2002 US (02.07.2002)

(30) 60/431,106 4 Dec/déc 2002 US (04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLEANING SYSTEM FOR ANIMAL LITTER AND BEDDING

• SYSTEME DE NETTOYAGE POUR LIETIERE D'ANIMAUX

(71) EQUIDRY BEDDING PRODUCTS, LLC [US/US]; 310 S. 24th Avenue, Phoenix, AZ 85009 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OPFEL, William [US/US]; 1628 E. Gable, Mesa, AZ 85204 (US).

(74) BOOTH, Kenneth, C.; Schmeiser, Olsen & Watts LLP, 18 East University Drive, #101, Mesa, AZ 85201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47L 9/00, 9/28, 11/20

(11) WO 03/086164 (13) A2

(21) PCT/IT03/00166

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) CR2002A000005 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A LOW NOISE ASPIRATOR AND/OR VENTILATOR DEVICE

• DISPOSITIF ASPIRATEUR ET/OU VENTILATEUR A FAIBLE BRUIT

(71, 72) PEDRAZZINI BERTOLAZZI, Marino [IT/IT]; Via San Francesco, 3, I-26020 Madignano, Cremona (IT).

(74) MASCIOLI, Alessandro; Via Leonina, 26, I-00184 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47L 13/14, B05C 17/00

(11) WO 03/086165 (13) A1

(21) PCT/DE03/01122

(22) 5 Apr/avr 2003 (05.04.2003)

(25) de (26) de

(30) 102 17 445.8 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HAND ROLLER DEVICE FOR REMOVING OR RECEIVING OR APPLYING LIQUIDS FROM OR TO BASES OR FOR CLEANING BASES

• DISPOSITIF ROULEAU A MAIN POUR ENLEVER, RECEVOIR OU APPLIQUER DES LIQUIDES PROVENANT DE FONDS OU SE TROUVANT SUR DES FONDS OU POUR NETTOYER DES FONDS

(71, 72) SCHUMM, Hermann [DE/DE]; Kreuzweg 8, 74599 Wallhausen/Michelbach-Lücke (DE).

(74) CLEMENS, Gerhard; Lerchenstrasse 56, 74074 Heilbronn (DE).

(81) CA CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47L 13/58

(11) WO 03/086166 (13) A1

(21) PCT/GB03/01527

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0208274.1 10 Apr/avr 2002 GB (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOPPING TROLLEYS

• CHARIOTS A ESSOREUSE

(71) NUMATIC INTERNATIONAL LIMITED [GB/GB]; Millfield, Chard, Somerset TA20 2GB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUNCAN, Christopher, Robert [GB/GB]; Chilworthy House, Chilworth, Chard, Somerset TA20 3BH (GB). GILES, Michael, Edward [GB/GB]; 2 Paulet Close, Hook, Beaminstor, Dorset DT3 3PD (GB).

(74) BROWN, Fraser, Gregory, James et al. / etc.; 41 Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47L 23/05, 23/10

(11) WO 03/086167 (13) A1

(21) PCT/NO02/00143

(22) 12 Apr/avr 2002 (12.04.2002)

(25) no (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR APPLYING LIQUID OR CREAMY SUBSTANCES

• DISPOSITIF D'APPLICATION DE SUBSTANCES LIQUIDES OU CREMEUSES

(71) **PADTECH AS** [NO/NO]; Leiv Eriksonsgate 1, N-0274 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMMEN, Per** [NO/NO]; Bjerkelundsveien 116D, N-1357 Bekkestua (NO). **IVERSEN, Ellen, K.** [NO/NO]; Åsaveien 21, N-0362 Oslo (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstuen, N-0301 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **A61B**

(11) **WO 03/086168** (13) **A2**

(21) PCT/US03/10215

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 10/118,440 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR MEASURING INTRAOCULAR PRESSURE

• APPAREIL ET PROCÉDE DE MESURE DE LA PRESSION INTRAOCULAIRE

(71) **THE CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).

(72) **FLEISCHMAN, Aaron, J.**; 2439 Milton Road, University Heights, OH 44118 (US). **ROY, Shuvo**; 12000 Fairhill Road, Apt.#323, Cleveland, OH 44120 (US). **LEWIS, Hilel**; 2408 Beachwood Boulevard, Beachwood, OH 44122 (US).

(74) **WESORICK, Richard, S.**; Tarolli, Sundheim, Covell & Tummino L.L.P., 526 Superior Avenue, Suite 1111, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 03/086169** (13) **A2**

(21) PCT/US03/10241

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 60/370,566 **5 Apr/avr 2002 (05.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR ASSESSING ENDOTHELIAL FUNCTION

• SYSTEME PERMETTANT D'ÉVALUER LA FONCTION ENDOTHELIALE

(71) **THERMAL TECHNOLOGIES, INC.** [US/US]; James L. Neal, Thermal Technologies, Inc., 222 Third Street, Suite T123, Cambridge, MA 02142 (US).

(72) **BOWMAN, H., Frederick**; 101 Edwardel Road, Needham, MA 02026 (US). **MARTIN, Gregory, T.**; 54 Wendell Street, #3, Cambridge, MA 02138 (US).

(74) **NEAL, James, L.**; Thermal Technologies, Inc., 222 Third Street, Suite T123, Cambridge, MA 02142 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ **A61B**

(11) **WO 03/086170** (13) **A2**

(21) PCT/US03/10525

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,219 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLEXIBLE GEOMETRIES FOR HANDHELD PET AND SPECT CAMERAS

• GEOMETRIES SOUPLES POUR CAMERAS A POSITRONS ET GAMMA-CAMERAS A MAIN

(71) **PEM TECHNOLOGIES, INC.** [US/US]; 7617 Standish Place, Rockville, MD 20855 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEINBERG, Irving** [US/US]; 5611 Rossevelt Street, Bethesda, MD 20817 (US). **BEYLIN, David** [US/US]; 7707 White Cliff Terrace, Derwood, MD 20855 (US). **STEPANOV, Pavel** [US/US]; 18505 Boyseberry Drive, No. 174, Gaithersburg, MD 20879 (US). **PETER, William** [—/US]; Bethesda, MD (US). **ZAWARZIN, Valera** [US/US]; 553 California Street, Newton, MA 02460 (US). **PANI, Roberto** [—/IT]; Rome (IT). **ZENG, Jian, Chao** [—/US]; Washington, DC (US). **ANASHKIN, Edward** [—/US]; Gaithersburg, MD (US). **DEVINCENTES, Guiseppe** [—/IT]; Rome (IT). **ADLER, Lee, P.** [—/US]; Philadelphia, PA (US).

(74) **GROMADA, James, A. et al.** / etc.; Katten Muchin Zavis Rosenman, Customer No. 27160, 525 West Monroe Street, Suite 1600, Chicago, IL 60661-3693 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 03/086171** (13) **A2**

(21) PCT/US03/10551

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

- (30) 10/115,422 **4 Apr/avr 2002** US
(04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DOPPLER DIRECTED SUTURING AND COMPRESSION DEVICE AND METHOD
• PROCEDE ET DISPOSITIF DE COMPRESSION ET DE SUTURE DIRIGEE DE TYPE DOPPLER
- (71) VASCULAR CONTROL SYSTEMS, INC. [US/US]; 32236 Pasco Adelanto, Ste. E, San Juan Capistrano, CA 92675 (US).
- (72) BURBANK, Fred, H.; 12 Old Ranch Road, Laguna Niguel, CA 92677 (US). JONES, Michael, L.; 34441 Camino El Molino, Capistrano Beach, CA 92624 (US). ALTIERI, Greig, E.; 1102 Temple Hills, Laguna Beach, CA 92651 (US). SERRA, R., J.; 17 Misty Meadow, Irvine, CA 92612 (US).
- (74) LYNCH, Edward, J.; Coudert Brothers LLP, One Market Tower, Spear Street Tower, Suite 2100, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 03/086172 (13) A2
- (21) PCT/US03/10558
- (22) 5 Apr/avr 2003 (05.04.2003)
- (25) en (26) en
- (30) 60/370,661 **6 Apr/avr 2002** US
(06.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM, FORMULATION, KIT AND METHOD FOR TAGGING COLONIC RESIDUE IN AN INDIVIDUAL
• SYSTEME, FORMULATION, ENSEMBLE ET PROCEDE DESTINES A MARQUER DES RESIDUS DU COLON CHEZ UN INDIVIDU
- (71) E-Z-EM, INC. [US/US]; i Park Building, Suite LL-26, 1111 Marcus Avenue, Lake Success, NY 11042 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEFERE, Philippe [BE/BE]; Akkerstratt 34, B-8830, Hooglede (BE). WILLIAMS, Archie [US/US]; 174 River Road, Smithtown, NY 11787 (US).
- (74) PARKER, Thomas, J.; Coudert Brothers LLP, 1114 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ A61B
- (11) WO 03/086173 (13) A2
- (21) PCT/US03/10674
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 10/119,998 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SPECTROSCOPY ILLUMINATOR WITH IMPROVED DELIVERY EFFICIENCY FOR HIGH OPTICAL DENSITY AND REDUCED THERMAL LOAD
• DISPOSITIF D'ECLAIRAGE DE SPECTROSCOPIE A EFFICACITE D'ENVOI ACCRUE POUR DENSITE OPTIQUE ELEVEE ET POUR CHARGE THERMIQUE REDUITE

- (71) SPECTROS CORPORATION [US/US]; 4370 Alpine Road, Suite 108, Portola Valley, CA 94028 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BENARON, David, A. [US/US]; 25 Siesta Court, Portola Valley, CA 94028 (US). PARACHIKOV, Ilian, H. [BG/US]; 38755 Buckboard Common, Fremont, CA 94536 (US).

- (74) TEST, Aldo, J. et al. / etc.; DORSEY & WHITNEY LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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- (51)⁷ A61B
- (11) WO 03/086174 (13) A2
- (21) PCT/US03/10745
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 10/118,854 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT DISEASES
• METHODE DE DIAGNOSTIC ET DE PRONOSTIC DE MALADIES MALIGNES

- (71) UNIVERSITY OF LOUISVILLE [US/US]; 200 Jouett Hall, Room 200, Louisville, KY 40292 (US).

- (71, 72) BATES, Paula, J. [GB/US]; 408 Browns Lane, Louisville, KY 40207 (US). MILLER, Donald, M. [US/US]; 537 Barberry Lane, Louisville, KY 40206 (US). TRENT, John, O. [GB/US]; 408 Browns Lane, Louisville, KY 40207 (US). XU, Xiaohua [CN/US]; Apt. 6G, 627 S. Preston Street, Louisville, KY 40202 (US).

- (74) ZINKL, Gregory, M.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ A61B
- (11) WO 03/086175 (13) A2
- (21) PCT/US03/10945
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 10/117,982 **5 Apr/avr 2002** US
(05.04.2002)

- (30) 10/313,986 **4 Dec/déc 2002** US
(04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF LUNG CANCER
• COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT ET AU DIAGNOSTIC DU CANCER DU POUMON

- (71) CORIXA CORPORATION [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERICLE, Barbara** [US/US]; 5105 133rd Street S.W., Edmonds, WA 98026 (US). **FANGER, Gary, R.** [US/US]; 15906 29th Drive S.E., Mill Creek, WA 98012 (US). **VEDVICK, Thomas, S.** [US/US]; 124 S. 300th Place, Federal Way, WA 98003 (US). **CARTER, Darrick** [US/US]; 321 Summit Avenue E., Seattle, WA 98102 (US). **WATANABE, Yoshihiro** [JP/US]; 2266 78th Avenue S.E., Mercer Island, WA 98040 (US). **HENDERSON, Robert, A.** [US/US]; 8904 192nd Street S.W., Edmonds, WA 98026 (US). **KALOS, Michael, D.** [US/US]; 8116 Dayton Avenue N., Seattle, WA 98103 (US). **SPIES, Gregory, A.** [US/US]; 19018 18th Avenue N.E., Shoreline, WA 98155 (US). **FOY, Teresa, M.** [US/US]; 2104 S. 277th Place, Federal Way, WA 98003 (US). **FAN, Liqun** [US/US]; 14116 S.E. 46th Street, Bellevue, WA 98006 (US). **WANG, Tong-tong** [US/US]; 8049 N.E. 28th Street, Medina, WA 98039 (US). **MCNABB, Andria** [US/US]; 3602 N.E. 11th Court, Renton, WA 98056 (US). **REED, Steven, G.** [US/US]; 2843 122nd Place N.E., Bellevue, WA 98005 (US).

(74) **CHRISTIANSEN, William, T. et al. / etc.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q2)

(51)⁷ A61B

(11) WO 03/086176 (13) A2

(21) PCT/US03/11105

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,022 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OBSERVATION OF EFFECTS OF BODY FLUIDS ON INDICATOR CELLS FOR DISEASE DIAGNOSIS

• OBSERVATION DES EFFETS DE LIQUIDES BIOLOGIQUES SUR DES CELLULES D'INDICATEURS POUR LE DIAGNOSTIC DE MALADIES

(63) US 10/120,022 (CIP) 10 Apr/avr 2002 (10.04.2002)

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUKHATME, Vikas, P.** [US/US]; 36 Sky View Circle, Newton, MA 02459 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 03/086177 (13) A2

(21) PCT/US03/11117

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,402 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MONITORING THE IMMUNE RESPONSE AND PREDICTING CLINICAL OUTCOMES IN TRANSPLANT RECIPIENTS

• METHODE DE CONTROLE DE LA REPONSE IMMUNITAIRE ET DE PREDICTION DE RESULTATS CLINIQUES CHEZ DES RECEVEURS D'ORGANE

(71) **CYCLEX, INC.** [US/US]; 8980 Old Annapolis Road, Suite 1, Columbia, MD 21045 (US).

(72) **BRITZ, Judith, A.**; 10549 Patuxent Ridge Way, Laurel, MD 20723 (US). **SOTTONG, Peter, R.**; 1069 Shore Acres Road, Arnold, MD 21012 (US). **KOWALSKI, Richard, J.**; 8100 Jacob Field Road, Rosedale, MD 21237 (US).

(74) **WITHAM, Michael, E. et al. / etc.**; Witham, Curtis & Christofferson, P.C., 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 03/086178 (13) A2

(21) PCT/US03/11265

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,841 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR INHIBITING VASCULAR HYPERPERMEABILITY

• METHODES PERMETTANT D'INHIBER L'HYPERPERMEABILITE VASCULAIRE

(71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOKER, Shay** [IL/US]; 199 Langley Road, Newton, MA 02459 (US). **SATCHI-FAINARO, Ronit** [IL/US]; 129 Sherman Road, Chestnut Hill, MA 02467 (US).

(74) **RESNICK, David, S. et al. / etc.**; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 1/005, 1/303

(11) WO 03/086179 (13) A1

(21) PCT/FR03/01150

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04651 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENDOSCOPE

• ENDOSCOPE

(71) **IDOINE TECHNOLOGIE** [—/FR]; Espace Créateur, Zoopole, 2bis, rue Jean Rostand, F-22440 Ploufragan (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENOIT, Philippe** [FR/FR]; La Picardais, F-22400 Lamballe (FR).

(74) **BENOIT, Philippe**; La Picardais, F-22400 Lamballe (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 3/10

(11) WO 03/086180 (13) A2

(21) PCT/CH03/00257

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) 653/02 18 Apr/avr 2002 CH
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEASUREMENT OF OPTICAL PROPERTIES

• MESURE DE PROPRIETES OPTIQUES

(71) HAAG-STREIT AG [CH/CH]; Gartenstadtstrasse 10, CH-3098 Köniz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WÄLTI, Rudolf [CH/CH]; Könizstrasse 194J, CH-3097 Liebefeld (CH).

(74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 3/12

(11) WO 03/086181 (13) A1

(21) PCT/CA03/00529

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/117,322 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR HIGH RESOLUTION IMAGING OF MOVING ORGANS

• APPAREIL POUR IMAGERIE HAUTE RESOLUTION D'ORGANES MOBILES

(71) OTI-OPHTHALMIC TECHNOLOGIES INC. [CA/CA]; 37 Kodiak Crescent, Unit #16, Downsview, Ontario M3J 3E5 (CA).

(72) PODOLEANU, Adrian; 11 Goudhurst Close, Canterbury, Kent CT2 7TU (GB).
ROGERS, John; 68 St. Martins Hill, Canterbury, Kent CT1 1PS (GB).

(74) MARKS & CLERK (TORONTO); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/00

(11) WO 03/086182 (13) A1

(21) PCT/US02/30687

(22) 26 Oct/oct 2002 (26.10.2002)

(25) en (26) en

(30) 60/371,601 8 Apr/avr 2002 US
(08.04.2002)

(30) 10/263,285 25 Sep/sep 2002 US
(25.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-INVASIVE METHOD OF DETERMINING DIASTOLIC INTRACRANIAL PRESSURE

• PROCEDE NON INVASIF DE DETERMINATION DE LA PRESSION INTRACRANIENNE DIASTOLIQUE

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) [US/US]; 300 E Street, SW, Washington, DC 20546 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOST, William, T. [US/US]; 797 Fawn Lane, Newport News, VA 23602 (US).
CANTRELL, John, H., Jr. [US/US]; 245 East Queens Drive, Williamsburg, VA 23185 (US).
HARGENS, Alan, R. [US/US]; 1640 Collingwood Drive, San Diego, CA 92109 (US).

(74) GALUS, Helen, M. et al. / etc.; NASA Langley Research Center, Mail Stop 212, 3 Langley Boulevard, Hampton, VA 23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/00

(11) WO 03/086183 (13) A1

(21) PCT/US03/10498

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en

(26) en

(30) 10/116,272 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPECTROSCOPIC ANALYSIS OF TISSUE TO DETECT DIABETES

• ANALYSE SPECTROSCOPIQUE D'UN TISSU PERMETTANT DE DECELER LE DIABETE

(71) INLIGHT SOLUTIONS, INC. [US/US]; 800 Bradbury SE, Albuquerque, NM 87106 (US).

(72) DAVIS, Herbert, T., III; 233 Mission Ridge, Corrales, NM 87048 (US).
ROWE, Robert, K.; 229 Ashley Lane, Corrales, NM 87048 (US).
VANSLYKE, Stephen, J.; 318 Tulane Place N.E., Albuquerque, NM 87106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61B 5/04

(11) WO 03/086184 (13) A1

(21) PCT/US03/08000

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/121,881 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROGRAMMABLE SIGNAL ANALYSIS DEVICE FOR DETECTING NEUROLOGICAL SIGNALS IN AN IMPLANTABLE DEVICE

- DISPOSITIF D'ANALYSE DE SIGNAUX PROGRAMMABLE CONÇU POUR DETECTER DES SIGNAUX NEUROLOGIQUES DANS UN DISPOSITIF IMPLANTABLE

(71) ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH [—/US]; P.O. Box 905, Santa Clarita, CA 91380-9005 (US).

(72) PERRON, Christian, Y.; 28026 Woodstock, Castaic, CA 91484 (US). SCHULMAN, Joseph, H.; 16050 Comet way, Santa Clarita, CA 91387 (US). MANDELL, Lee, J.; 7944 Marquand Avenue, West Hills, CA 91304 (US).

(74) MANDEL, Lee, J.; P.O. Box 905, Santa Clarita, CA 91380-9005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61B 5/04, B81B 7/02

(11) WO 03/086185 (13) A1

(21) PCT/US03/08283

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/370,123 5 Apr/avr 2002 US (05.04.2002)

(30) 10/138,987 3 May/mai 2002 US (03.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEURON SIGNAL ANALYSIS SYSTEM AND METHOD

- TECHNIQUE ET SYSTEME D'ANALYSE DE SIGNAL NEURONAL

(71) THE CLEVELAND CLINIC FOUNDATION [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).

(72) MONTGOMERY, Erwin, B.; 1371 Oakridge Drive, Cleveland Heights, OH 44118 (US).

(74) BONNER, Chet J. et al. / etc.; Calfee, Halter & Griswold LLP, 800 Superior Avenue, 1400 McDonald Investment Center, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61B 5/0404

(11) WO 03/086186 (13) A1

(21) PCT/JP03/03674

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-112790 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTROCARDIOGRAPH

- ELECTROCARDIOGRAPHE

(71) ADVANCED MEDICAL INC. [JP/JP]; 355-1, Nakura, Fujino-cho, Tsukui-gun, Kanagawa 199-0207 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANAGA, Akihiko [JP/JP]; c/o ADVANCED MEDICAL INC., 355-1, Nakura, Fujino-cho, Tsukui-gun, Kanagawa 199-0207 (JP).

(74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61B 5/0468

(11) WO 03/086187 (13) A1

(21) PCT/US03/10049

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/117,465 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PREDICTING RECURRING VENTRICULAR ARRHYTHMIAS

- PROCEDE DE PREDICTION DES ARYTHMIES VENTRICULAIRES RECURRENTES

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) ZHOU, Xiaohong; 17715 45th Avenue North, Plymouth, MN 55446 (US). SHARMA, Vinod; 1725 Woodbridge Court, Apartment Number 15, Roseville, MN 55113 (US). OLSON, Walter, H.; 16 Hay Camp Road, North Oaks, MN 55127 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(81) CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ A61B 5/0476, 5/0488

(11) WO 03/086188 (13) A2

(21) PCT/IB03/01324

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/123,056 15 Apr/avr 2002 US (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING THE CEREBRAL STATE OF A PATIENT WITH FAST RESPONSE

- PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER RAPIDEMENT L'ETAT CEREBRAL D'UN PATIENT

(71) INSTRUMENTARIUM CORPORATION [FI/FI]; Kuortaneenkatu 2, FIN-00510 Helsinki (FI).

(72) VIERTIO-OJA, Hanna, E.; Saarniraivontie 5 C 15, FIN-01770 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61B 5/05

(11) WO 03/086189 (13) A1

(21) PCT/US03/10497

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/116,271 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDUCING SPECTRAL COMPLEXITY IN OPTICAL SAMPLING

- REDUCING SPECTRAL COMPLEXITY IN OPTICAL SAMPLING

(71) INLIGHT SOLUTIONS, INC. [US/US]; 800 Bradbury SE, Albuquerque, NM 87106 (US).

(72) RIDDER, Trent, D.; 80 Paa-ko Drive, Sandia Park, NM 97047 (US). MAYNARD, John, D.; 11202 Spyglass Hill Lane NE, Albuquerque, NM 87111 (US). ABBINK, Russell, E.; P.O. Box 909, Albuquerque, NM 87112 (US). JOHNSON, Robert, D.; 8109

- Rancho Felice Court NW, Albuquerque, NM 87120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ A61B 5/05
- (11) WO 03/086190 (13) A1
- (21) PCT/US03/10893
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,555 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEMS AND METHODS FOR INTERVENTIONAL MEDICINE
- SYSTEMES ET PROCEDES DESTINES A DES INTERVENTIONS MEDICALES
- (71) STEREOTAXIS, INC. [US/US]; 4041 Forest Park Avenue, St. Louis, MO 63108 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASTINGS, Roger, N. [US/US]; 7013 Carey Lane North, Maple Grove, MN 55369 (US). RITTER, Rogers, C. [US/US]; 117 Chestnut Ridge Road, Charlottesville, VA 22911 (US). WERP, Peter, R. [US/US]; 4400 Lindell Boulevard #23B, St. Louis, MO 63108 (US). HALL, Andrew, F. [US/US]; 5184 Rosemont Drive, St. Charles, MO 63304 (US). BLUME, Walter, M. [US/US]; 446 Oak, Webster Groves, MO 63119 (US).

- RAUCH, John, E. [US/US]; 6952 Hillside Avenue, St. Louis, MO 63109 (US). KLIMEK, Scott, G. [US/US]; 8333 Pierce Street, N.E., Spring Lake Park, MN 55432 (US). VISWANATHAN, Raju [IN/US]; 4041 Forest Park Avenue, St. Louis MO 63108 (US).
- (74) WHEELOCK, Bryan, K.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme Avenue, Suite 400, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61B 5/055, G01R 33/50, 33/20
- (11) WO 03/086191 (13) A1
- (21) PCT/CA03/00497
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,536 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR GENERATING T₁ AND T₂ MAPS
- SYSTEME ET PROCEDE DE CARTOGRAPHIE EN T<SB>1</SB> ET T<SB>2</SB>
- (71) ROBARTS RESEARCH INSTITUTE [CA/CA]; 100 Perth Drive, P.O. Box 5015, London, Ontario N6A 5K8 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEONI, Sean, Casey, Louis [CA/CA]; 15-204 Jacksway Crescent, London, Ontario N5X 3T8 (CA). RUTT, Brian, Keith [CA/CA]; 1017 Wellington Street, London, Ontario N6A 3T5 (CA). PETERS, Terence, Malcolm [CA/CA]; 1548 Hillside Drive, London, Ontario N6G 4M6 (CA).
- (74) RUSTON, David, A.; SIM & McBURNEY, Sixth Floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A61B 5/055, 6/04, 6/10
- (11) WO 03/086192 (13) A1
- (21) PCT/IB03/01373
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 02076523.6 18 Apr/avr 2002 EP (18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEDICAL EXAMINATION DEVICE HAVING PATIENT POSITIONING MEANS MOVABLE UNDER SAFETY CONTROL
- DISPOSITIF D'EXAMEN MEDICAL COMPRENANT DES MOYENS MOBILES SECURISES DE POSITIONNEMENT DE PATIENT
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EVERS, Matheus, J., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SCHOUTEN, Marcus, M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 5/145
- (11) WO 03/086193 (13) A1
- (21) PCT/EP03/04024
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) de (26) de
- (30) 102 17 543.8 17 Apr/avr 2002 DE (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR THE SPECTROSCOPIC DETERMINATION OF THE OXYGEN SATURATION OF BLOOD IN THE PRESENCE OF OPTICAL DISTURBANCE VARIABLES
- PROCEDE POUR DETERMINER PAR SPECTROSCOPIE LA SATURATION EN OXYGENE DE SANG EN PRESENCE DE PERTURBATIONS OPTIQUES
- (71) CARL ZEISS MEDITEC AG [DE/DE]; Göschwitzer Strasse 51-52, 07745 Jena (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWEITZER, Dietrich [DE/DE]; Rodaer Strasse 69, 07806 Neustadt/Orla

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(74) BECK, Bernard; Carl Zeiss Jena GmbH, Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ A61B 5/16, G09B 19/00

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(21) PCT/NZ03/00057

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) NZ 516010 6 Apr/avr 2002 (06.04.2002) NZ

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEMS AND METHODS FOR PROCESSING PSYCHOLOGICAL RESPONSES

• SYSTEMES ET PROCEDES POUR TRAITER DES REPONSES PSYCHOLOGIQUES

(71) FUTURES SELVES LIMITED [NZ/NZ]; P.O. Box 10622, Wellington, NZ (NZ).

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(72, 75) PLIMMER, Geoffrey, Neil [NZ/NZ]; 26 Creswick Terrace, Northland, Wellington (NZ). ENGLERT, Paul, John [NZ/NZ]; 34 Chamberlain Road, Karori, Wellington (NZ).

(74) SCHUCH, Ernest, Robert Schuch & Company; Schuch & Company, P.O. Box 10615, Level 5, 22 the Terrace, Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 8/08

(11) WO 03/086195 (13) A1

(21) PCT/US02/30552

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/371,601 8 Apr/avr 2002 (08.04.2002) US

(30) 10/263,286 25 Sep/sep 2002 (25.09.2002) US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-INVASIVE METHOD OF DETERMINING ABSOLUTE INTRACRANIAL PRESSURE

• PROCEDE NON INVASIF DE DETERMINATION DE LA PRESSION INTRACRANIE ABSOLUE

(71) THE GOVERNMENT OF THE UNITED STATE OF AMERICA as represent by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) [US/US]; 300 E. Street, SW, Washington, DC 20546 (US).

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(72, 75) YOST, William, T. [US/US]; 797 Fawn Lane, Newport News, VA 23602 (US). CANTRELL, John, H., Jr. [US/US]; 245 East Queens Drive, Williamsburg, VA 23185 (US). HARGENS, Alan, R. [US/US]; 1640 Collingwood Drive, San Diego, CA 92109 (US).

(74) GALUS, Helen, M. et al. / etc.; Nasa Langley Research Center, Mail Stop 212, 3 Langley Boulevard, Hampton, VA 23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 8/12

(11) WO 03/086196 (13) A1

(21) PCT/JP03/04287

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-114333 17 Apr/avr 2002 (17.04.2002) JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRASONIC PROBE IN BODY CAVITY

• SONDE A ULTRASONORE POUR CAVITE CORPORELLE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 100-0047 (JP).

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(72, 75) YAGI, Tomoyuki [JP/JP]; 17-4-501, Koaota, Kashiwa-shi, Chiba 277-0803 (JP). ITO, Takashi [JP/JP]; 5-4-32, Kohokudai, Abiko-shi, Chiba 270-1132 (JP). IZUMI, Mikio [JP/JP]; 740-12, Sezaki-cho, Soka-shi, Saitama 340-0022 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61B 10/00, 18/06, B05D 1/36

(11) WO 03/086197 (13) A1

(21) PCT/US02/11312

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en

(26) en

(30) 10/119,648 10 Apr/avr 2002 (10.04.2002) US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DETECTING INTERACTIONS AT BIOMIMETIC INTERFACES WITH LIQUID CRYSTALS

• DETECTION D'INTERACTIONS AVEC DES CRISTAUX LIQUIDES AU NIVEAU D'INTERFACES BIOMIMETIQUES

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 N. Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).

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(72, 75) ABBOTT, Nicholas [AU/US]; 2120 Jefferson Street, Madison, WI 53711 (US). BRAKE, Jeffrey [US/US]; 809-D Eagle Heights, Madison, WI 53705 (US).

(74) FRIEDRICHSEN, Bernard; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

(81) CA US.

(51)⁷ A61B 10/00

(11) WO 03/086198 (13) A1

(21) PCT/US03/10162

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/118,202 5 Apr/avr 2002 (05.04.2002) US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTIPLE BIOPSY DEVICE

• DISPOSITIF DE BIOPSIE MULTIPLE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(72) DAMARATI, John, Jairo; 3.4.16 #303 Meguro Royal Heights, Meguro-ku, Tokyo 153-0063 (JP).

(74) TULLETT, Rodney, C.; Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 10/00, G01N 11/00

(11) WO 03/086199 (13) A2

(21) PCT/US03/10966

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,199 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SAMPLE SURFACE COMPONENT FOR AN INSTRUMENT THAT MEASURES VISCOSITY AND VISCOELASTICITY

• COMPOSANT DE SURFACE ECHANTILLON POUR UN INSTRUMENT MESURANT LA VISCOSITE ET LA VISCOELASTICITE

(71) **BOSTON RHEOLOGY LLC** [US/US]; 830 Boylston Street, Suite 207, Chestnut Hill, MA 02467 (US).

(72) **KOSASKY, Harold, J.**; 830 Boylston Street, Suite 207, Chestnut Hill, MA 02467 (US). **NOUKAS, Elias, G.**; 135 Elm Street, #24, Milford, NH 03055 (US). **MURRAY, Paul, D.**; 84 South Street, Carlisle, MA 01742 (US). **KENIG, Alfredo, O.**; 84 South Street, Carlisle, MA 01742 (US).

(74) **MARTIN, Steven, K.** et al. / etc.; Morse, Altman & Martin, P.O. Box 6926, Boston, MA 02102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 10/00, G01N 33/94, B01L 3/00**

(11) **WO 03/086200** (13) A1

(21) PCT/US03/07719

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) en (26) en

(30) 10/118,832 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISK TESTING APPARATUS

• DISPOSITIF DE TEST A DISQUE

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).

(72) **GALLOWAY, R., Keith**; 8216 Roseland Drive, Fairfax Station, VA 22039 (US). **BAC-HAND, Steven, S.**; 53 Bridgeport Street, Dana Point, CA 92629 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Department D102, 3120 Hansen Way, Palo Alto, CA 94304 (US).

(81) AU CA JP MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **A61B 10/00**

(11) **WO 03/086201** (13) A1

(21) PCT/US03/09339

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) en (26) en

(30) 60/370,270 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED BIOPSY NEEDLE AND BIOPSY DEVICE CONTAINING THE SAME

• AIGUILLE A BIOPSIE AMELIOREE ET DISPOSITIF A BIOPSIE CONTENANT UNE TELLE AIGUILLE

(71) **ALLEGIANCE CORPORATION** [US/US]; Attn: Kim Diliberti, 1430 Waukegan Road, McGaw Park, IL 60085-6787 (US).

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(72, 75) **PLISHKA, Michael** [US/US]; 2359 Bellevue Place, Northbrook, IL 60062 (US).

(74) **ROZYCKI, Andrew, G.**; 7000 Cardinal Place, Dublin, OH 43017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61B 17/00**

(11) **WO 03/086202** (13) A2

(21) PCT/US03/10090

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 10/117,440 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICES AND METHODS FOR PERCUTANEOUS TISSUE RETRACTION AND SURGERY

• DISPOSITIFS ET METHODES DE RETRACTION TISSULAIRE ET DE CHIRURGIE PERCUTANEE

(71) **SDGI HOLDINGS, INC.** [US/US]; 300 Delaware Avenue Suite 508, Wilmington, DE 19801 (US).

(72) **SMITH, Maurice, M.**; 9285 Oak Knoll Cove, Cordova, TN 38018 (US). **FOLEY, Kevin, T.**; 2877 Keasler Circle West, Germantown, TN 38139 (US). **ROEHM, Thomas, E., III**; P.O. Box 1372, Branden, TN 38010 (US). **LIM, Roy, K.**; 8245 Vardon Lane, Apartment Number 101, Cordova, TN 38016 (US).

(74) **WARMBOLD, David, A.** et al. / etc.; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 17/00**

(11) **WO 03/086203** (13) A1

(21) PCT/US03/10255

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/117,929 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SIDE LOADING SURGICAL RETRAC-TOR

• ECARTEUR CHIRURGICAL A CHARGEMENT LATERAL

(71) **BOSS INSTRUMENTS, LTD.** [US/US]; Suite 119, 1838 Elm Hill Pike, Nashville, TN 37210 (US).

(72) **PHILLIPS, Burns**; 1838 Elm Hill Pike, Suite 119, Nashville, TN 37210 (US).

(74) **STARK, Stephen, J.**; Miller & Martin LLP, Suite 1000, Volunteer Building, 832 Georgia Avenue, Chattanooga, TN 37402-2289 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ **A61B 17/00**

(11) **WO 03/086204** (13) A2

(21) PCT/US03/11228

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/371,602 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BONE FIXATION APPARATUS

• APPAREIL DE REPARATION OSSEUSE

(71, 72) **ALLEYNE, Neville** [US/US]; 9860 La Jolla Farms Road, La Jolla, CA 92037 (US). **NONAKA, Makoto** [JP/US]; 8395 La Jolla Scenic Drive, North La Jolla, CA 92037 (US).

(74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility

model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/04, A61F 2/00

(11) WO 03/086205 (13) A2

(21) PCT/GB03/01573

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208359.0 11 Apr/avr 2002 GB (11.04.2002)

(30) 60/393969 5 Jul/juil 2002 US (05.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE

• SYSTEME ET PROCEDE DE TRAITEMENT DE L'INCONTINENCE D'URINE CHEZ LA FEMME

(71) GYNE IDEAS LIMITED [GB/GB]; 1 Bell Leys, Wingrave, Buckinghamshire HP22 4QD (GB).
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(72, 75) BROWNING, James [GB/GB]; 12 Sherbrooke Gardens, Glasgow G41 4HU (GB).

(74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/072, 17/115

(11) WO 03/086206 (13) A1

(21) PCT/US03/11020

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,356 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURGICAL STAPLING APPARATUS INCLUDING AN ANVIL AND CARTRIDGE EACH HAVING COOPERATING MATING SURFACES

• INSTRUMENT D'AGRAFAGE CHIRURGICAL COMPRENANT UNE ENCLUME ET UNE CARTOUCHE AYANT CHACUNE DES SURFACES DE CONTACT COOPERANTES

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

(72) JANKOWSKI, Bruce; 17 Woodlawn Terrace, Meriden, CT 06450 (US).

(74) AUDET, Paul, R.; Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06850_ (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/128

(11) WO 03/086207 (13) A1

(21) PCT/US03/10231

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/371,652 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURGICAL CLIP APPLIER WITH HIGH TORQUE JAWS

• APPLICATEUR D'AGRAFES CHIRURGICAL A PINCES A COUPLE ELEVE

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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(72, 75) VIOLA, Frank, J. [US/US]; 320 Great Quarter Road, Sandy Hook, CT 06482 (US).

(74) AUDET, Paul, R.; Tyco Healthcare Group, LP, 150 Glover Avenue, Norwalk, CT 06850 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/16

(11) WO 03/086208 (13) A1

(21) PCT/US02/21310

(22) 1 Aug/août 2002 (01.08.2002)

(25) en (26) en

(30) 60/372,285 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MINIMALLY INVASIVE SURGICAL REAMER AND CONNECTION

• ALESOIR CHIRURGICAL A EFFRACTION MINIMALE ET RACCORD CORRESPONDANT

(71) PRECIMED, S.A. [CH/CH]; L'Echelle 7, CH-2534 Orvin (CH).

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(72, 75) WHITE, Patrick, Michel [US/US]; 1213 Indian Trail Drive, Downingtown, PA19345 (US). LECHOT, André [CH/CH]; Sous L'Eau-Belle 24, CH-2534 Orvin (CH). MAHMOUD, Ezzedine [TN/CH]; Route d'Aegerten 26, CH-2503 Bienne (CH).

(74) MOETTELI, John; Bugnion S.A., 10, route de Florissant, Case Postale 375, CH-1211 Genève 12 (CH).

(81) AU CA CH CN FI JP KR MX NZ SE SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ A61B 17/22, 17/12

(11) WO 03/086209 (13) A2

(21) PCT/US03/08933

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/119,054 9 Apr/avr 2002 US (09.04.2002)

(30) 10/163,077 4 Jun/juin 2002 US (04.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANGIOPLASTY DEVICE AND METHOD OF MAKING SAME

• DISPOSITIF D'ANGIOPLASTIE ET PROCEDE DE PRODUCTION ASSOCIE

(71) K-HEART INDUSTRIES, INC. [US/US]; 1925 Noble Drive, Minneapolis, MN 55422-4158 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLETSCCHKA, Harold, D. [US/US]; 1925 Noble Drive, Minneapolis, MN 55422-4158 (US). PACKARD, Brian, M. [US/US]; 7191 96th Street NE, Monticello, MN 55362 (US).

(74) KRAUS, Jason, R. et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/28

(11) WO 03/086210 (13) A1

(21) PCT/CH03/00234

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 634/02 16 Apr/avr 2002 CH
(16.04.2002)

(30) 2031/02 2 Dec/déc 2002 CH
(02.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR CONNECTING A FUNCTIONAL UNIT WHICH CAN BE DETACHABLY ARRANGED ON A HOUSING

• DISPOSITIF POUR RELIER UNE UNITE FONCTIONNELLE MISE EN PLACE DE FAÇON AMOVIBLE CONTRE UN BOITIER

(71) ALCON GRIESHABER AG [CH/CH]; Winkelriedstrasse 52, CH-8203 Schaffhausen (CH).

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(72, 75) ATTINGER, Jürg [CH/CH]; Blaurockstrasse 36, CH-8260 Stein am Rhein (CH). MAAG, Werner [CH/CH]; Insel 8, CH-8750 Glarus (CH). EGLI, Lorenz [CH/CH]; Alpenstrasse 7, CH-8212 Neuhausen am Rheinfall (CH).

(74) ALTHOFF, Gerhard; c/o Althoff Patentanwaltbüro, Lättenstrasse 6a, CH-8185 Winkel (CH).

(81) AU CA JP KR NZ US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ A61B 17/62

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(25) zh (26) zh

(30) 02232401.1 12 Apr/avr 2002 CN
(12.04.2002)

(30) 02157366.2 23 Dec/déc 2002 CN
(23.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTERNAL RESTITUTION AND FIXATION DEVICE FOR OSTEOPLASTY

• DISPOSITIF DE FIXATION ET DE RESTITUTION EXTERNE D'OSTEOPLASTIE

(71, 72) HAN, Fu [CN/CN]; Taiping plastic Plant, No.16, North Erdao Street, Daokou Taiping District, 150050 Haerbin City, Heilongjiang Province (CN).

(74) BEIJING WAN KE YUAN PATENT AGENT LTA.; Zhang Yajun, No.77, North Sanhuanzhonglu Road Haidian District, 100088 Beijing (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 17/62

(11) WO 03/086212 (13) A2

(21) PCT/US03/10326

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,201 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORTHOPAEDIC FIXATION METHOD AND DEVICE

• DISPOSITIF ET PROCEDE DE FIXATION ORTHOPEDIQUE

(71) SMITH & NEPHEW, INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

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(72, 75) AUSTIN, Ed [US/US]; 8015 Steven Franklin Drive, Bartlett, TN 38133 (US). SCHNEIDER, John [US/US]; 1045 Kings Park Road, Memphis, TN 38117 (US).

(74) PRATT, John, S.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/62

(11) WO 03/086213 (13) A2

(21) PCT/US03/10336

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,201 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORTHOPAEDIC FIXATION METHOD AND DEVICE WITH DELIVERY AND PRESENTATION FEATURES

• PROCEDE ET DISPOSITIF DE FIXATION ORTHOPEDIQUE DOTE D'ELEMENTS DE DIFFUSION ET DE PRESENTATION

(71) SMITH & NEPHEW, INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

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(72, 75) AUSTIN, Ed [US/US]; 8015 Steven Franklin Drive, Bartlett, TN 38133 (US). SCHNEIDER, John [US/US]; 1045 Kings Park Road, Memphis, TN 38117 (US). MULLANEY, Michael, W. [US/US]; 5 Hilltop Road, Kinnelon, NJ 07405 (US).

(74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/88

(11) WO 03/086214 (13) A1

(21) PCT/SE03/00558

(22) 7 Apr/avr 2003 (07.04.2003)

(25) sv (26) en

(30) 0201058-5 9 Apr/avr 2002 SE
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR EXTRACTION OF PINS AT FIXATION MEANS FOR FIXATION OF BONE FRAGMENTS AT BONE FRACTURES

• DISPOSITIF D'EXTRACTION DE BROCHES SUR UN SYSTEME DE FIXATION POUR LA FIXATION DE FRAGMENTS D'OS EN CAS DE FRACTURE, ET UTILISATION CORRESPONDANTE

(71, 72) HANSSON, Henrik [SE/SE]; Eriksberg, S-590 77 Vreta Kloster (SE).

(74) WAGNER, Heinz et al. / etc.; H Wagner & Co. AB, Norra Vallgatan 72, S-211 22 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 18/18

(11) WO 03/086215 (13) A1

(21) PCT/US03/10509

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,772 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW INTENSITY LIGHT THERAPY FOR THE MANIPULATION OF FIBROBLAST-DERIVED MAMMALIAN CELLS AND COLLAGEN

• LUMINOTHERAPIE A FAIBLE INTENSITE POUR LA MANIPULATION DE FIBROBLASTES ET DE CELLULES DE MAMMIFERE DERIVEES DES FIBROBLASTES ET COLLAGENE

(63) US 10/119,772 (CON) 11 Apr/avr 2002 (11.04.2002)

(71) LIGHT BIOSCIENCE, INC. [US/US]; 3033 Little Haven Road, Virginia Beach, VA 23452 (US).

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(72, 75) MCDANIEL, David, H. [US/US]; 3033 Little Haven Road, Virginia Beach, VA 23452 (US).

(74) JAESCHKE, Wayne, C., Jr. et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SC SD SE SG SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 10/116,730 3 Apr/avr 2002 US (03.04.2002)

(30) 10/366,535 12 Feb/fév 2003 US (12.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND SYSTEMS FOR VEIN HARVESTING AND FISTULA CREATION

• TECHNIQUES ET SYSTEMES DE PRELEVEMENT DE VEINES ET CREATION DE FISTULES

(71) FOGARTY, Thomas, J. [US/US]; 3270 Apline Road, Portola Valley, CA 94028 (US).

(72) HILL, Bradley; 136 Grandview Drive, Woodside, CA 94062 (US). HOLMGREN, Neil; 1323 Lincoln Avenue, Alameda, CA 94501 (US). MODESITT, Bruce; 120 Wingate Avenue, San Carlos, CA 94070 (US). GUTIERREZ, Federico; 430 Andover Drive, Pacifica, CA 94044 (US).

(74) THOMPSON, Lynn, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/117,990 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR TREATMENT OF TISSUE

• PROCEDE RELATIF AU TRAITEMENT DE TISSU

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STERN, Roger, A. [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US). LEVINSON, Mitchell [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US).

(74) DAVIS, Paul; Heller, Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 18/22, A61C 1/00, 1/08

(11) WO 03/086218 (13) A1

(21) PCT/US03/10768

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,097 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR PROCESSING HARD MATERIAL

• PROCEDE ET APPAREIL DE TRAITEMENT DE MATERIAU DUR

(71) ALTSHULER, Gregory [US/US]; 8R Fernbanks Road, Wilmington, MA 01887 (US).

(72) BELIKOV, Andrei, V.; 141/86 Narodnogo Opolcheniya Ave, St. Petersburg, 198217 (RU).

(74) POWERS, Jeffrey, B.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 5 Mar/mar 2003 (05.03.2003)

(25) nl (26) en

(30) 1020396 16 Apr/avr 2002 NL (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MANIPULATOR FOR AN INSTRUMENT FOR MINIMALLY INVASIVE SURGERY AND SUCH AN INSTRUMENT

• MANIPULATEUR D'INSTRUMENT DE CHIRURGIE EFFRACTIVE MINIMALE, ET INSTRUMENT

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(72, 75) JASPERS, Joris, Emanuel, Nicolaas [NL/NL]; Wilhelminastraat 12, NL-2411 CZ Bodegraven (NL).

(74) VAN BREDA, Jacques; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 19/00, A61M 35/00

(11) WO 03/086220 (13) A1

(21) PCT/SE02/00740

(22) 15 Apr/avr 2002 (15.04.2002)

(25) sv (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE FOR THE SUPPLY OF A GAS

• DISPOSITIF D'ALIMENTATION EN GAZ

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(72, 75) VAN DER LINDEN, Jan [SE/SE]; Lill-skogsvägen 22, S-133 34 Saltsjöbaden (SE).
PERSSON, Mikael [SE/SE]; Skeppargatan 100, 5 tr, S-115 30 Stockholm (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 19/00

(11) WO 03/086221 (13) A1

(21) PCT/US03/11520

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en

(30) 60/372,324 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR RE-CONSTRUCTING A LIGAMENT

• PROCEDE ET APPAREIL DE RECONSTRUCTION D'UN LIGAMENT

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(74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61C 1/18, 1/14, A61B 17/16

(11) WO 03/086222 (13) A1

(21) PCT/AT03/00115

(22) 18 Apr/avr 2003 (18.04.2003)

(25) de (26) de

(30) A 603/2002 18 Apr/avr 2002 AT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TORQUE TRANSMISSION FOR A SURGICAL OR DENTAL ROTATING TOOL

• TRANSMISSION DE COUPLE POUR OUTIL ROTATIF CHIRURGICAL OU DENTAIRE

(71) W & H DENTALWERK BÜRMOOS GMBH [AT/AT]; Ignaz-Glaser-Strasse 53, A-5111 Bümöos (AT).

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(72, 75) HELFENBEIN, Gerald [AT/AT]; Schnellberg 18, A-5133 Gilgenberg (AT).

(74) BARGER, PISO & PARTNER; Mahlerstrasse 9, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(23.10.2003)

METHOD AND APPARATUS FOR RE-CONSTRUCTING A LIGAMENT

PROCEDE ET APPAREIL DE RECONSTRUCTION D'UN LIGAMENT

STEENLAGE, Eric, S. [US/US]; 3400 Garson Drive, N.W., Apt. #8307, Atlanta, GA 30324 (US).

PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

A61C 1/18, 1/14, A61B 17/16

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(26) de

A 603/2002 18 Apr/avr 2002 AT (18.04.2002)

(23.10.2003)

TORQUE TRANSMISSION FOR A SURGICAL OR DENTAL ROTATING TOOL

TRANSMISSION DE COUPLE POUR OUTIL ROTATIF CHIRURGICAL OU DENTAIRE

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(c)

(51)⁷ A61C 3/00, 5/02

(11) WO 03/086223 (13) A1

(21) PCT/US03/11268

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,332 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRASONIC MICROTUBE DENTAL INSTRUMENTS AND METHODS OF USING SAME

• INSTRUMENTS DENTAIRES ULTRASONORES A MICROTUBE ET LEURS PROCEDES D'UTILISATION

(71) SAN DIEGO SWISS MACHINING, INC. [US/US]; 990 Lane Avenue, Chula Vista, CA 91914 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HICKOK, Teresa [US/US]; 4106 Paseo De La Vista, Bonita, CA 91902 (US).
RUD-DLE, Clifford [US/US]; 227 Los Alturas Road, Santa Barbara, CA 93103 (US).

(74) DAMMAN, Kirk, A. et al. / etc.; Lewis, Rice & Fingersh, L.C., Box IP Department, 500 North Broadway, Suite 2000, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61C 5/00

(11) WO 03/086224 (13) A1

(21) PCT/US03/11223

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,318 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DENTAL RETRACTOR AND FLUID CONTROL SYSTEM

• ECARTEUR DENTAIRE ET SYSTEME DE CONTROLE D'ECOULEMENT LIQUIDE

(71, 72) ROETZER, Patrick, L. [US/US]; 142 East D Street, Benicia, CA 94510 (US).

(74) BIELEN, Theodore, J., Jr. et al. / etc.; Bielen, Lampe & Thoeming, Suite 720, 1990 N. California Blvd., Walnut Creek, CA 94596 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61C 8/00

(11) WO 03/086225 (13) A1

(21) PCT/IB02/01276

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PRE-IMPLANT FOR AN IN-
TRAOSSEAL DENTAL IMPLANT
THAT IS TO BE IMPLANTED AT A
LATER TIME

- PRE-IMPLANT POUR IMPLANT DEN-
TAIRE INTRA-OSSEUX A IMPLAN-
TER ULTERIEUREMENT

- (71) SCHÜTZ-DENTAL GMBH [DE/DE];
Dieselstrasse 5/6, 61191 Rosbach (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) KRANJC, Josef [DE/DE]; Steinfurter
Hauptstrasse 110, 61231 Bad Nauheim (DE).
BENNER, Klaus-U. [DE/DE]; Pettenkofer-
strasse 11, CH-80336 München (DE).
BAUER, Florian [DE/DE]; Pettenkofer-
strasse 11, CH-80336 München (DE).
HEUCKMANN, Karl-Heinz [DE/DE];
Seitzstrasse 1, CH-83339 Chieming (DE).

- (74) LUSUARDI, Werther; Dr. Lusuardi AG,
Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61C 9/00

(11) WO 03/086226 (13) A2

(21) PCT/FR03/01199

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04699 15 Apr/avr 2002 FR
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ADJUSTABLE IMPRESSION TRAY
WITH VARIABLE GEOMETRY

- PORTE-EMPREINTE DENTAIRE RE-
GLABLE A GEOMETRIE VARIABLE

- (71, 72) TCHOUANGANG, Lydie [FR/FR];
171, rue de Cernay, F-51100 Reims (FR).

- (74) METZ, Paul; Cabinet Metz Patni, Boîte
postale 63, 63, rue de la Ganzau, F-67024
Strasbourg Cedex (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61C 9/00

(11) WO 03/086227 (13) A1

(21) PCT/US03/11221

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,292 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DENTAL IMPRESSION DAM SYSTEM
• SYSTEME DE PRISE D'EMPREINTE
DENTAIRE

- (71) ROETZER, Patrick, L. [US/US]; 142 East
D Street, Benicia, CA 94510 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

- (74) BIELEN, Theodore, J., Jr. et al. / etc.;
Bielen, Lampe & Thoenig, Suite 720, 1990
N. California Blvd., Walnut Creek, CA 94596
(US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61C 11/00

(11) WO 03/086228 (13) A1

(21) PCT/IB02/01343

(22) 15 Apr/avr 2002 (15.04.2002)

(25) es (26) es

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DIGITAL SIMULATOR OF DENTAL
ANOMALIES FOR ODONTOLOGICAL
TREATMENTS

- SIMULATEUR NUMERIQUE D'ANO-
MALIES DENTAIRES UTILISE DANS

LES TRAITEMENTS ODONTOLO-
GIQUES

- (71, 72) MEJIA, BURGOS, Enrique [CO/CO];
Transversal 15 No. 114-80, 01 Bogotá
D.C. (CO). VARON, JIMENEZ, Carlos
[CO/CO]; Transversal 15 No. 114-80, 01
Bogotá D.C. (CO).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ A61C 13/00, A61K 6/08, 6/083

(11) WO 03/086229 (13) A1

(21) PCT/US03/03469

(22) 5 Feb/fév 2003 (05.02.2003)

(25) en (26) en

(30) 10/121,941 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • POLESTER/EPOXY COATED STAIN-
LESS STEEL DENTAL CROWN

- COURONNES DENTAIRES EN ACIER
INOXYDABLE REVETU DE POLYES-
TER/EPOXY

- (71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

- (72) STOLLER, William J.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
SHIWOTA, Shig; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).

- (74) GWIN, Doreen S. L., et al. / etc.; Office
of Intellectual Property Counsel, Post Office
Box 33427, Saint Paul, MN 55133-3427
(US).

- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU*

CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR) OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les
designations

(51)⁷ A61C 15/00

(11) WO 03/086230 (13) A1

(21) PCT/US02/08244

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DENTAL FLOSS WITH ABRASIVES

• FIL DENTAIRE CONTENANT DES
ABRASIFS

(71, 72) ANTLER, Steven, M. [US/US]; 6
Shields Lane, Darien, CT 06820 (US).

(74) DE LEON, Josefino, P.; Shlesinger, Ark-
wright & Garvey, LLP, 3000 South Eads
Street, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ A61C 15/04, 17/34

(11) WO 03/086231 (13) A1

(21) PCT/DE03/01208

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 755.9 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MECHANICAL INTERDENTAL
BRUSH INTEGRATED INTO AN ELEC-
TRIC TOOTHBRUSH

• BROSSE INTERDENTAIRE MECA-
NIQUE INTEGREE A UNE BROSSE A
DENTS ELECTRIQUE

(71, 72) WILKENS, Harald [DE/DE];
Kohlmarkt 19, 38100 Braunschweig (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ A61F

(11) WO 03/086232 (13) A2

(21) PCT/US02/41210

(22) 20 Dec/déc 2002 (20.12.2002)

(25) en (26) en

(30) 60/371,618 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESS OPENINGS IN VACUUM
BANDAGE

• OUVERTURES D'ACCES DANS UN
PANSEMENT SOUS VIDE

(71) HILL-ROM SERVICES, INC. [US/US];
1069 State Route 46 East, Batesville, IN
47006-9167 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LOCKWOOD, Jeffrey, S. [US/US];
500 North Walnut, Batesville, IN 47006
(US). PETROSENKO, Robert [CA/US]; 30
Belmont Place West, Batesville, IN 47006
(US).

(74) CONARD, Richard, D.; Barnes & Thorn-
burg, 11 South Meridian Street, Indianapolis,
IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(51)⁷ A61F

(11) WO 03/086233 (13) A2

(21) PCT/US03/10352

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en

(26) en

(30) 60/370,483 5 Apr/avr 2002 US
(05.04.2002)

(30) 60/403,496 14 Aug/août 2002 US
(14.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR QUANTIFYING BLOOD
FLOW IN TISSUE WITH PERIODIC UP-
DATING OF TISSUE BASELINE CON-
DITIONS

• SYSTEME PERMETTANT DE QUAN-
TIFIER LE DEBIT SANGUIN DANS UN
TISSU AVEC MISE A JOUR PERIO-
DIQUE DES CONDITIONS DE REFE-
RENCE DE CE TISSU

(71) THERMAL TECHNOLOGIES, INC.
[US/US]; 222 Third Street, Suite 123, Cam-
bridge, MA 02142 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MARTIN, Gregory T., [US/US]; 54
Wendell Street, Apt. 3, Cambridge, MA
02138 (US). BOWMAN, H., Frederick
[US/US]; 101 Edwardel Road, Needham,
MA 02492 (US).

(74) LINEK, Ernest, V.; Banner & Witcoff,
Ltd., 28 State Street, 28th Floor, Boston, MA
02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F

(11) WO 03/086234 (13) A2

(21) PCT/US03/10652

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,051 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-WOVEN FIBER ASSEMBLIES

• ENSEMBLES DE FIBRES NON TIS-
SEES

(71) THE UNIVERSITY OF AKRON [US/US];
302 Buchtel Commons, Akron, OH 44325
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SMITH, Daniel [US/US]; 2988
Ridgeline Trail, Stow, OH 44224 (US).
RENEKER, Darrell [US/US]; 300 Hamp-
shire Road, Akron, OH 44313 (US).

(74) WEBER, Ray et al. / etc.; Renner, Ken-
ner, Greive, Bobak, Taylor & Weber, First Na-
tional Tower - 4th Floor, Akron, OH 44308
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F

(11) WO 03/086235 (13) A2

(21) PCT/US03/11338

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,148 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SENSORY PROSTHETIC FOR IM-
PROVED BALANCE CONTROL

• PROTHESE SENSORIELLE POUR
LE CONTROLE D'EQUILIBRE AME-
LIORE

(71) TRUSTEES OF BOSTON UNIVERSITY
[US/US]; One Sherborn Street, Boston, MA
02215 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ODDSSON, Lars, I., E. [IS/US]; 905
Beacon Street, Boston, MA 02215 (US).
MEYER, Peter, F. [US/US]; 27 Elliot Street,
Newton, MA 02461 (US).

(74) GAGNEBIN, Charles, L., III et al. / etc.;
Weingarten, Schurgin, Gagnebin & Lebovici,
LLP, Ten Post Office Square, Boston, MA
02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61F 2/00, 2/01, A61B 17/22

(11) WO 03/086236 (13) A2

(21) PCT/US03/10350

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/116,828 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIAL COIL EXPANDABLE MEDI-
CAL WIRE

• FIL MEDICAL A BOBINE RADIALE
REPLIABLE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];
One Scimed Place, Maple Grove, MN 55311-
1566 (US).

(72) GELLMAN, Barry, N.; 19 Pebble-
brook Road, N. Easton, MA 02356 (US).
BOTTCHEER, Benjamin, J.; 23 Winterberry
Drive, Franklin, MA 02038 (US).

(74) FORCIER, John, V.; Testa, Hurwitz &
Thibeault, LLP, High Street Tower, 125 High
Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F 2/00, 2/06

(11) WO 03/086237 (13) A1

(21) PCT/US03/10876

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/063,315 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYBRID STENT

• STENT HYBRIDE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];
One SciMed Place, Maple Grove, MN 55311-
1566 (US).

(72) BERENSTEIN, Alejandro; 1725 New York
Avenue #22F, New York, NY 10025 (US).
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(74) ANDERSON, II, William, E.; VIDAS, AR-
RETT & STEINKRAUS, 6109 Blue Circle
Drive, Suite 2000, Minnetonka, MN 55343-
9185 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61F 2/06 // A61L 27/54

(11) WO 03/086238 (13) A1

(21) PCT/SE03/00545

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201053-6 8 Apr/avr 2002 SE
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STENT ASSEMBLY AND DEVICE FOR
APPLICATION THEREOF

• ENSEMBLE ENDOPROTHESE ET DIS-
POSITIF POUR SA MISE EN PLACE

(71) CORLINE SYSTEMS AB [SE/SE]; Box
956, S-751 09 Uppsala (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LARSSON, Rolf [SE/SE]; Blomstervä-
gen 19, S-756 52 Uppsala (SE). GROTH,
Carl-Gustaf [SE/SE]; Sköldvägen 26, S-182
64 Djursholm (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ
AB; Box 1344, S-751 43 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F 2/06, 2/01

(11) WO 03/086239 (13) A1

(21) PCT/US03/10460

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

- (30) 10/122,257 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INTRAVASCULAR FLOW MODIFIER AND REINFORCEMENT DEVICE WITH CONNECTED SEGMENTS
• MODIFICATEUR D'ÉCOULEMENT INTRAVASCULAIRE ET DISPOSITIF DE RENFORCEMENT A SEGMENTS DE RACCORDEMENT
- (71) MICRUS CORPORATION [US/US]; 610 Palomar Avenue, Sunnyvale, CA 94085 (US).
- (72) LEOPOLD, Eric, W.; 1330 Katherine Avenue, Redwood City, CA 94062 (US). DeNARDO, Andrew, J.; 1286 Helford Lane, Carmel, IN 46032 (US).
- (74) PAUL, James, W. et al. / etc.; Fulwider Patton Lee & Utech, LLP, Howard Hughes Center, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61F 2/28
- (11) WO 03/086241 (13) A1
- (21) PCT/GB03/01492
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 0207843.3 **4 Apr/avr 2002** GB
(04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICE FOR USE IN TREATMENT OF INFECTED ENDOPROSTHETIC IMPLANTS
• DISPOSITIF DESTINE A ETRE UTILISE POUR TRAITER DES IMPLANTS ENDOPROTHETIQUES INFECTES
- (71) UNIVERSITY COLLEGE OF LONDON [GB/GB]; Gower Street, London WC1E 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLUNN, Gordon [GB/GB]; Centre for Biomedical Engineering, University College London, Royal National Orthopaedics Hospital, Stanmore HA7 4LP (GB). RICHARDSON, James [GB/GB]; Robert Jones and Agnes Hunt Orthopaedic Hospital, Shropshire SY10 7AG (GB).
- (74) KEMP, Paul, Geoffrey; Brookes Batchellor, 102-108 Clerkenwell Road, London EC1M 5SA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61F 2/06 // A61B 17/12
- (11) WO 03/086240 (13) A1
- (21) PCT/US03/10997
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 10/121,980 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICES FOR RETAINING VASO-OCCLUSIVE DEVICES WITHIN AN ANEURYSM
• DISPOSITIFS PERMETTANT DE RETENIR DES DISPOSITIFS POUR L'OCCLUSION VASCULAIRE DANS UN ANEURYSME
- (71) SCIMED LIFE SYSTEMS, INC [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) WALLACE, Michael, P.; 43389 Jorome Avenue, Fremont, CA 94539 (US). EDER, Joseph; 23423 Toyonta Road, Los Altos Hills, CA 94024 (US). GERBERDING, Brent, C.; 2524 Central Avenue, Alameda, CA 94501 (US).
- (74) BURSE, David, T.; Bingham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT
- RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (54) • FEMORAL NECK FIXATION PROSTHESIS
• PROTHESE DE FIXATION AU COL DU FEMUR
- (71, 72) CROFFORD, Theodore [US/US]; 3741 Kelvin Avenue, Fort Worth, TX 76133 (US).
- (74) HILTON, Robert; Thompson & Knight LLP, 1700 Pacific Avenue, Suite 3300, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61F 2/32, 2/34, 2/30
- (11) WO 03/086243 (13) A2
- (21) PCT/US03/10950
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,058 **9 Apr/avr 2002** US
(09.04.2002)
- (30) 10/392,553 **20 Mar/mar 2003** US
(20.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BIOLOGICALLY REABSORBABLE ACETABULAR CONSTRAINING COMPONENTS AND MATERIALS FOR USE WITH A HIP REPLACEMENT PROSTHESIS AND BIOREABSORBABLE MATERIALS TO AUGMENT HIP REPLACEMENT STABILITY AND FUNCTION
• MATIERES ET COMPOSANTS DE CONTRAINTE ACETABULAIRES BIOLOGIQUEMENT REABSORBABLES, DESTINES A ETRE UTILISES AVEC UNE PROTHESE DE REMPLACEMENT DE HANCHE ET MATIERES REABSORBABLES DESTINEES A AUGMENTER LA STABILITE ET LA FONCTION DE REMPLACEMENT DE HANCHE
- (71, 72) WASIELEWSKI, Raymond, C. [US/US]; 7590 Brandon Road, New Albany, OH 43054 (US).
- (74) MANCINO, David, A. et al. / etc.; Taft, Stettinius & Hollister LLP, 425 Walnut Street, Suite 1800, Cincinnati, OH 45202-3957 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F 2/36

(11) WO 03/086244 (13) A1

(21) PCT/US03/11603

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,390 12 Apr/avr 2002 US
(12.04.2002)

(30) 10/244,149 13 Sep/sep 2002 US
(13.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIFFERENTIAL POROSITY PROS-
THETIC HIP SYSTEM

• SYSTEME DE PROTHESE DE
HANCHE A POROSITE DIFFEREN-
TIELLE

(71) OSTEOIMPLANT TECHNOLOGY,
INC. [US/US]; 11201 Pepper Road, Hunt
Valley, MD 21031 (US).

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(72, 75) MCTIGHE, Timothy [US/US]; 17321
Buckthorne Drive, Chagrin Falls, OH 44023
(US). MURRAY, Ian [US/US]; 11201 Pep-
per Road, Hunt Valley, MD 21031 (US).
CAMERON, Hugh, U. [CA/CA]; 43 Welles-
ley Street East, Suite 3318, Toronto, Ontario
M4Y 1H1 (CA).

(74) CANNON, Karl, R.; Clayton, Howarth &
Cannon, P.C., P.O. Box 1909, Sandy, UT
84091 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ PL PT RO RU
SD SE SG SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61F 2/64, 2/66, 2/68

(11) WO 03/086245 (13) A2

(21) PCT/US03/10939

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,974 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRONICALLY CONTROLLED
PROSTHETIC SYSTEM

• SYSTEME PROTHETIQUE A COM-
MANDE ELECTRONIQUE

(71, 72) MARTIN, James, Jay [US/US]; 1913
Terryton Drive, Norman, OK 73071 (US).

(74) OZINGA, Martin, G.; Phillips McFall Mc-
Caffrey McVay & Murrah, P.C., One Lead-
ership Square, 12th Floor, 211 N. Robinson
Ave., Oklahoma City, OK 73102, Ch-2001
Neuchâtel (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61F 5/00, 2/04

(11) WO 03/086246 (13) A1

(21) PCT/US03/04378

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 10/118,289 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SATIATION DEVICES AND METHODS
• DISPOSITIFS ET PROCÉDES RELA-
TIFS A LA SATIÉTÉ

(71) BAROSENSE, INC. [US/US]; Suite 3, 115
Constitution Drive, Menlo Park, CA 95025
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les États désignés sauf US)

(72, 75) STACK, Richard, S. [US/US]; 106
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William, S, Jr. [US/US]; 3010 Quincemoor
Road, Durham, NC 27712 (US).

(74) FROST, Kathleen, A. et al. / etc.; Stallman
& Pollock LLP, Suite 290, 121 Spear Street,
San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61F 5/00, 2/04

(11) WO 03/086247 (13) A1

(21) PCT/US03/04449

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 10/118,289 8 Apr/avr 2002 US
(08.04.2002)

(30) 60/379,306 10 May/mai 2002 US
(10.05.2002)

(30) 10/345,914 16 Jan/jan 2003 US
(16.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SATIATION DEVICES AND METHODS
• METHODES ET DISPOSITIF POUR
PROCURER UNE SENSATION DE SA-
TIÉTÉ

(71) BAROSENSE, INC. [US/US]; Suite 317,
21 Davis Drive, Research Triangle Park, NC
27709 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STACK, Richard, S. [US/US]; 106
Alder Place, Chapel Hill, NC 27514 (US).
GLENN, Richard, A. [US/US]; 308 West-
side Drive, Chapel Hill, NC 27516 (US).
ATHAS, William, L. [US/US]; 3901 King
Charles Road, Durham, NC 27707 (US).
WILLIAMS, Michael, S. [US/US]; 6909
Erland Road, Santa Rosa, CA 95404 (US).
MOODY, Trevor, J. [US/US]; 6537 Second
Avenue NE, Seattle, WA 98115 (US). SIL-
VERSTEIN, Fred, E. [US/US]; 1246 - 15th
Avenue East, Seattle, WA 98112 (US). EV-
ERY, Nathan [US/US]; 3887 - 44th Avenue
NE, Seattle, WA 98105 (US).

(74) FROST, Kathleen, A. et al. / etc.; Stallman
& Pollock LLP, Suite 290, 121 Spear Street,
San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 5/01, B29C 39/00

(11) WO 03/086248 (13) A1

(21) PCT/FR03/01207

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/05352 15 Apr/avr 2002 FR
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPLINT FOR A JOINT CONNECTION
AND METHODS FOR PRODUCTION
OF SUCH A SPLINT

• ATTELLE POUR E ET PROCÉDES DE
FABRICATION D'UNE TELLE AT-
TELLE

(71, 72) **PARIZOT, Jean-Paul** [FR/FR]; 17, Place Darcy, F-21000 Dijon (FR).

(74) **GUIU, Claude**; Cabinet Claude Guiu, 10, rue Paul Thénard, F-21000 Dijon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61F 5/44**

(11) **WO 03/086249** (13) A2

(21) PCT/DK03/00253

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) PA 2002 00568 **17 Apr/avr 2002 DK (17.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COLLECTING BAG HAVING AN IMPROVED ACCOMMODATING MEANS FOR A CLOSURE DEVICE

• POCHE DE COLLECTE A SYSTEME AMELIORE POUR LA RECEPTION D'UN DISPOSITIF DE FERMETURE

(71) **COLOPLAST A/S** [DK/DK]; Høltedam 1, DK-3050 Humblebæk (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LILLEGAARD, Jens** [DK/DK]; Bakkediget 1, DK-2970 Hørsholm (DK).

(74) **CARLSSON, Eva et al.** / etc.; International Patent-Bureau A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **A61F 5/445 // 5/44**

(11) **WO 03/086250** (13) A1

(21) PCT/DK03/00223

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) PA 2002 00 529 **10 Apr/avr 2002 DK (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRAINABLE OSTOMY POUCH WITH INTEGRATED CLOSURE

• POCHE STOMIQUE VIDABLE POUR-VUE D'UNE FERMETURE

(71) **HOLLISTER INCORPORATED** [US/US]; 2000 Hollister Drive, Libertyville, IL 60048 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VILLEFRANCE, Tine** [DK/DK]; Tværskiftet 36B, DK-2730 Herlev (DK). **FORBJERG-LARSEN, Jørgen** [DK/DK]; Markbækvej 2, DK-3320 Skævinge (DK). **WINTHER, Knud** [DK/DK]; Stævnens 72, DK-3070 Snekkersten (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København K (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61F 5/453, 6/04, A61B 17/425, A61M 37/00**

(11) **WO 03/086251** (13) A1

(21) PCT/RU03/00175

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) ru (26) ru

(30) 2002110199 **17 Apr/avr 2002 RU (17.04.2002)**

(30) 2003110999 **17 Apr/avr 2003 RU (17.04.2003)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • "NATURAL SELECTION" METHOD FOR CONCEIVING A CHILD AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE DE CONCEPTION D'ENFANTS "SELECTION NATURELLE" ET PROCEDE CORRESPONDANT

(71, 72) **KOMISSAROV, Yuriy Vladimirovich** [RU/RU]; ul. B. Tarasovskaya, 108a-32, pos. Cheljuskiy, Pushkinsky raion, Moskovskaya obl., 121220 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61F 7/00**

(11) **WO 03/086252** (13) A1

(21) PCT/CN03/00246

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) zh (26) zh

(30) 02108938.8 **9 Apr/avr 2002 CN (09.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRIC HEATING PILLOW OR NECKWEAR

• OREILLER OU CACHE-COL A CHAUFFAGE ELECTRIQUE

(71, 72) **ZHANG, Pingping** [CN/CN]; Meiyue Group, Nanxun Fangzhanggang Town, Huzhou City, Zhejiang Province, 313009 (CN).

(74) **SHANGHAI ZHI XIN PATENT AGENT LTD.**; 10F, Italy Building, 446 Zhao Jia Bang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **A61F 7/00**

(11) **WO 03/086253** (13) A2

(21) PCT/US03/10311

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,748 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERAPEUTIC HYPOTHERMIA
SYSTEM WITH INTRACARDIAC
HEAT EXCHANGE CATHETER AND
METHOD OF TREATING ACUTE MY-
OCARDIAL INFARCTION

- SYSTEME D'HYPOTHERMIE THERA-
PEUTIQUE COMPRENANT UN CA-
TETER CARDIAQUE D'ECHANGE
THERMIQUE ET METHODE DE TRAI-
TEMENT D'UN INFARCTUS AIGU DU
MYOCARDE

(71) CARDEON CORPORATION [US/US];
10161 Bubb Road, Cupertino, CA 95014
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ROBINSON, Janine [US/US]; 10161
Bubb Road, Cupertino, CA 95014 (US).
ESCH, Brady [US/US]; 10161 Bubb Road,
Cupertino, CA 95014 (US). SOSS, Rick
[US/US]; 10161 Bubb Road, Cupertino, CA
95014 (US).(74) HANKE, Gunther et al. / etc.; Fulwider,
Patton, Lee & Utech, P.O. Box 22615, Long
Beach, CA 90801-5615 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ A61F 13/00, 33/00

(11) WO 03/086254 (13) A1

(21) PCT/US03/10464

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,076 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OXYGEN ENRICHED IMPLANT FOR
ORTHOPEDIC WOUNDS

- IMPLANT ENRICHI A L'OXYGENE
POUR PLAIES ORTHOPEDIQUES

(71, 72) BALDING, David, P. [US/US]; 26552
Tampico Place, Mission Viejo, CA 92691
(US).(74) LIN, Vic, Y.; Myers Dawes Andras & Sher-
man LLP, Suite 1150, 19900 MacArthur
Boulevard, Irvine, CA 92612 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MKMN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61F 13/02

(11) WO 03/086255 (13) A1

(21) PCT/GB03/01588

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208513.2 12 Apr/avr 2002 GB
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APERTURED HYDROGEL WOUND
DRESSING

- PANSEMENT HYDROGEL A OUVER-
TURES

(71) JOHNSON & JOHNSON MEDICAL
LIMITED [GB/GB]; Erskine House, 68-73
Queen Street, Edinburgh EH2 4NH (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KIRKWOOD, Andrew, James
[GB/GB]; 19 Stephenson's Walk, Coting-
ham, Hull, East Yorkshire HU16 4QG (GB).
WARRICK, Jonathan [GB/GB]; 79 Clayton
Hall Road, Crosshills, North Yorkshire BD20
7TA (GB).(74) JAMES, Anthony, Christopher, W.P. et al.
/ etc.; Carpmaels & Ransford, 43 Bloomsbury
Square, London WC1A 2RA (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61F 13/14, A41C 3/04

(11) WO 03/086256 (13) A1

(21) PCT/CN03/00235

(22) 3 Apr/avr 2003 (03.04.2003)

(25) zh (26) zh

(30) 02216597.5 5 Apr/avr 2002 CN
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PAPER MILK ABSORBING PAD

- TAMPON DE PAPIER ABSORBEUR DE
LAIT

(71, 72) LIU, Guanhong [CN/CN]; Room 322,
No. 1, Eastern Wenshui Road, Shanghai
200437 (CN).(74) SHANGHAI PATENT & TRADEMARK
LAW OFFICE; 435 Guiping Road, Shanghai
200233 (CN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ A61F 13/15, 13/476, 13/51

(11) WO 03/086257 (13) A1

(21) PCT/SE03/00580

(22) 10 Apr/avr 2003 (10.04.2003)

(25) sv (26) en

(30) 0201081-7 10 Apr/avr 2002 SE
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ABSORBENT ARTICLE WITH IM-
PROVED INCONSPICUOUSNESS

- ARTICLE ABSORBANT AU CARAC-
TERE DISCRET AMELIORE

(71) SCA HYGIENE PRODUCTS AB [SE/SE];
S-405 03 Göteborg (SE).(72) STRAND, Lina; Silverkällegatan 11,
S-414 72 Göteborg (SE). MOSLEHI,
Manoochehr; Toredalsgatan 20, S-418
71 Göteborg (SE). GABRIELSSON, Ur-
ban; Krongamsvägen 3, S-443 43 Partille,
Göteborg (SE).(74) ALBIHNS GÖTEBORG AB; Box 142,
S-401 22 Göteborg (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ A61F 13/15, 13/496

(11) WO 03/086258 (13) A1

(21) PCT/SE03/00625

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

- (30) 0201157-5 **18 Apr/avr 2002** SE
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCING AN ABSORBENT ARTICLE
• PROCEDE DE PRODUCTION D'ARTICLES ABSORBANTS
- (71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).
- (72) WIDLUND, Urban; Pärönvägen 5, S-435 43 Pixbo (SE).
- (74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61F 13/15
- (11) WO 03/086259 (13) A1
- (21) PCT/US03/10769
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/372,743 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ABSORBENT CORES WITH IMPROVED INTAKE PERFORMANCE
• NOYAUX ABSORBANTS PRESENTANT DES PROPRIETES D'ABSORPTION AMELIOREES
- (71) RAYONIER PRODUCTS AND FINANCIAL SERVICES COMPANY [US/US]; 1901 Island Walkway, Fernandina Beach, FL 32034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RANGACHARI, krishnakumar [IN/US]; 13 Ganet Grossing, Savannah GA 31419 (US). DUCKER, Paul, M. [US/US]; 116 Travelers Way, St. Simons, GA 31522 (US).
- (74) MOORE, Cathy, R. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61F 13/58
- (11) WO 03/086260 (13) A1
- (21) PCT/US03/05689
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) en (26) en
- (30) 10/121,458 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELASTIC CLOSURE TAB
• LANGUETTE ELASTIQUE DE FERMETURE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) JACKSON, Byron M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WOOD, Leigh E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). STOREY, Roderick L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). METZ, James V.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) BOND, William J., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

- (51)⁷ A61G
- (11) WO 03/086261 (13) A2
- (21) PCT/US03/10582

- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 10/120,041 **10 Apr/avr 2002** US
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONVERTIBLE WHEELCHAIR AND SEPARATE LIFT MODULE FOR CONNECTING TO AND ELEVATING THE WHEELCHAIR
• FAUTEUIL ROULANT CONVERTIBLE ET MODULE DE LEVAGE SEPARÉ DESTINÉ À ÊTRE COUPLÉ AU FAUTEUIL ROULANT ET À ÉLEVER CE DERNIER
- (71, 72) MARTIN, Willis [US/US]; 3136 Sunset Avenue, Rocky Mount, NC 27804 (US).
- (74) COATS, Larry; Coats & Bennett, P.L.L.C., Post Office Box 5, Raleigh, NC 27602 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

- (51)⁷ A61G 9/00
- (11) WO 03/086262 (13) A1
- (21) PCT/NO03/00113
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) no (26) en
- (30) 20021675 **10 Apr/avr 2002** NO
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A RECEPTACLE MOUNTING DEVICE
• DISPOSITIF DE FIXATION DE RECEPTACLE
- (71, 72) LIEBERMANN, Erik [NO/NO]; Svarttjonnheia 150, N-4645 Nodeland (NO).
- (74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61G 13/00, 13/10, A47B 13/00

(11) WO 03/086263 (13) A1

(21) PCT/GB03/01475

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0207977.0 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURGICAL TABLE TRANSFER SYSTEM

• SYSTEME DE TRANSPORT DE TABLE CHIRURGICALE

(71) ESCHMANN HOLDINGS LIMITED [GB/GB]; Peter Road, Lancing, West Sussex BN15 8TJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLAYTON, Patrick, Brian [GB/GB]; 25 Southview Drive, Worthing, Sussex BN11 5HT (GB).

(74) JENKINS, Peter, David et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61H 3/04

(11) WO 03/086264 (13) A1

(21) PCT/IB02/01346

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WHEELED WALKER WITH BRAKING MEANS

• AMBULATEUR A ROUES AVEC SYSTEME DE FREINAGE

(71) GERITECS SÀRL [CH/CH]; c/o Pharmacie de Champel-Clairière, 29, avenue de Champel, CH-1206 Geneva (CH).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MAGE, Olivier [CH/CH]; 2, pl. Reverdin, CH-1206 Geneva (CH). LIU, Jianhui [CN/CH]; 121, ch. de la Chênaie, CH-1293 Bellevue (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61H 33/06

(11) WO 03/086265 (13) A2

(21) PCT/RU03/00110

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ru (26) ru

(30) 2002107351 25 Mar/mar 2002 RU (25.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MASLOV'S RUSSIAN BATH

• BAIN RUSSE DE MASLOV

(71, 72) MASLOV, Viktor Valentinovich [RU/RU]; ul. Gorodskaya, 5/7-121, Moscow, 115162 (RU).

(74) EGOROVA, Galina Borisovna et al. / etc.; "Gorodissky & Partners Law Firm" Ltd, ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61J

(11) WO 03/086266 (13) A2

(21) PCT/RO02/00004

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) A 2002 00447 15 Apr/avr 2002 RO (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • UNIVERSALLY AND SAVING BABY'S DUMMY

• SUCETTE POUR BEBE UNIVERSELLE ET ECONOMIQUE

(71, 72) CÂRNU, Ion [RO/RO]; Str. Mureş nr. 65 A, R-8700 Constanţa (RO). CÂRNU, Tony, Aurelian [RO/RO]; Str. Mureş nr. 65 A, R-8700 Constanţa (RO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61J

(11) WO 03/086267 (13) A2

(21) PCT/US03/10816

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,448 10 Apr/avr 2002 US (10.04.2002)

(30) 10/369,427 18 Feb/fév 2003 US (18.02.2003)

(30) 10/368,951 18 Feb/fév 2003 US (18.02.2003)

(30) 10/369,244 18 Feb/fév 2003 US (18.02.2003)

(30) 10/369,247 18 Feb/fév 2003 US (18.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-PHASE, MULTI-COMPARTMENT CAPSULAR SYSTEM

• SYSTEME CAPSULAIRE A PLUSIEURS COMPARTIMENTS ET PLUSIEURS PHASES

(71, 72) MILLER, Fred, H. [US/US]; 2609 West Tyson Avenue, Tampa, FL 33611 (US).

(72, 75) AUSEC, Lance, R. [US/US]; 231 21st Avenue, St. Petersburg, FL 33706 (US).

(74) BENT, Stephen, A. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61J 1/14, A61M 15/00

(11) WO 03/086268 (13) A1

(21) PCT/US03/11197

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,823 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILE AMPOULE SYSTEM

• SYSTEME D'AMPOULES FILTRANT

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 575 Maryville Centre Drive, 5th floor, Mail Zone 1006, St. Louis, MO 63141 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEYES, Robert** [AU/AU]; 43 Beatrice Street, Dalkeith, WA 6009 (AU). **CARPENTER, Peter** [AU/AU]; 349 Milpoint Roadn, South Perth, W.A. 63141 (AU). **PONTA, Remo** [AU/AU]; 17 Hopkinson Way, Wilson, W.A. 6107 (AU).

(74) **KING, Karen et al.** / etc.; Pharmacia Corporation, Global Patent Department, P.B. Box 1027, St. Louis, MO 63006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61J 1/16, F25D 3/08, B65D 81/38**

(11) **WO 03/086269** (13) A1

(21) PCT/EP03/02022

(22) **27 Feb/fév 2003 (27.02.2003)**

(25) de (26) de

(30) 102 16 263.8 **12 Apr/avr 2002 (12.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTAINERS FOR TRANSPORTING GOODS AT A CONSTANT TEMPERATURE

• CONTENEURS DESTINES AU TRANSPORT DE MARCHANDISES A TEMPERATURE CONSTANTE

(71) **DELTA T GESELLSCHAFT FÜR MEDIZINTECHNIK MBH** [DE/DE]; Versailler Strasse 1, 35394 Giessen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIENERT, Kai** [DE/DE]; Ludwig Rinn Strasse 25, 35435 Wettenberg (DE). **NEHRING, Dirk** [DE/DE]; Zwischenhausen 5 1/2, 35037 Marburg (DE).

(74) **HEIM, Hans-Karl et al.** / etc.; Weber & Heim, Irmgardstrasse 3, 81479 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61J 7/04**

(11) **WO 03/086270** (13) A1

(21) PCT/CN02/00256

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICINE STORAGE BOX WITH TIMER

• BOITE DE RANGEMENT DE MEDICAMENTS POURVUE D'UN COMPTEUR TEMPOREL

(71) **CHIT SHUN ENTERPRISES COMPANY LIMITED** [CN/CN]; 7/F, Block H, On Ho Ind. Bldg., 17-19 Shing Wan Road, Shatin N. T., Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NG, Yuetsun** [CN/CN]; 7/F, Block H, On Ho Ind. Bldg., 17-19 Shing Wan Road, Shatin N. T., Hong Kong (CN).

(74) **JEEKAI & PARTNERS**; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086271** (13) A2

(21) PCT/IB02/01242

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AZOLE DERIVATIVES AS ANTIFUNGAL AGENTS

• DERIVES AZOLE UTILISES EN TANT QU'AGENTS ANTIFONGIQUES

(71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Dehli 110 019 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALMAN, Mohammad** [IN/IN]; P-2/19, DLF City, Phase II, Haryana, Gurgaon 122 001 (IN). **VERMA, Ashwani Kumar** [IN/IN]; 24-Charak Sadan, E-Block, Vikas Purl, New Delhi 110 018 (IN). **RATAN, Ashok** [IN/IN]; B-148, Sarita Vihar, New Delhi 110 044 (IN).

(74) **RANBAXY LABORATORIES LIMITED**; c/o Deshmukh, Jayadeep R., 600 College Road East, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086272** (13) A2

(21) PCT/IL02/00308

(22) **16 Apr/avr 2002 (16.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRAPURE TRANSFERRIN FOR PHARMACEUTICAL COMPOSITIONS

• TRANSFERRINE TRES PURE POUR COMPOSITIONS PHARMACEUTIQUES

(71) **KAMADA LTD.** [IL/IL]; Science Park, Kiryat Weizmann, 76327 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUER, Shabtai** [IL/IL]; 35 Shahal Street, 93702 Jerusalem (IL).

(74) **WEBB, Cynthia**; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086273** (13) A2

(21) PCT/IL03/00279

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 60/370,221 **8 Apr/avr 2002 (08.04.2002)** US

(30) 60/429,575 **29 Nov/nov 2002 (29.11.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HISTONE CONJUGATES AND USES THEREOF

• CONJUGUES D'HISTONE ET LEURS UTILISATIONS

(71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Hi Tech Park, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram, 91 390 Jerusalem (IL). **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; at the Weizmann Institute of Science, P.O. Box 95, 76 100 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILON, Chaim [IL/IL]; 18 Gelber Street, 96 755 Jerusalem (IL). LOYTER, Abraham [IL/IL]; 16 HaAegim Street, 97 279 Jerusalem (IL). GRAESSMAN, Adolf [DE/DE]; 22 Arnimaallee, 14195 Berlin (DE). SPERLING, Joseph [IL/IL]; 12 Shachar Street, 96 263 Jerusalem (IL). HARITON-GAZAL, Ilana [IL/IL]; 9 Weizmann Street, 76 280 Rehovot (IL).

(74) G. E. EHRLICH (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086274 (13) A2

(21) PCT/IL03/00321

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,339 18 Apr/avr 2002 US (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A COMPOUND FOR CLEANSING THE SKIN AND A PRODUCT IMPREGNATED THEREWITH
• COMPOSE POUR NETTOYAGE DE LA PEAU ET ARTICLE IMPREGNE DE CE COMPOSE

(71) RIGHT AFTER - ADVANCED HYGIENE SOLUTIONS LTD. [GB/GB]; 5A Market Square, Rugeley, Staffordshire WS15 2BL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARKI, Kobi [IL/IL]; 11 Harav Kook Street, 63302 Tel Aviv (IL).

(74) SINAI, Henry; IP-Partnership, PO Box 669, 43350 RAANANA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086275 (13) A2

(21) PCT/IN03/00156

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 348/MUM/2002 15 Apr/avr 2002 IN (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTANTIALLY PURE ANTIHISTAMINIC COMPOUND
• COMPOSE ANTIHISTAMINIQUE SENSIBLEMENT PUR

(71) SUN PHARMACEUTICAL INDUSTRIES LIMITED [IN/IN]; ACME Plaza, Andheri Kurla Road, Andheri (East), 400059 Mumbai (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THENNATI, Rajamannar [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, 390020 Baroda (IN). CHITTURI, Trinadha, Rao [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, 390020 Baroda (IN). KANANGI, Shivramchandra [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, 390020 Baroda (IN). UNNAM, Raja, Sekhar [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, 390020 Baroda (IN). JADAV, Kanaksinh, Jesingbhai [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, 390020 Baroda (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/086276 (13) A2

(21) PCT/US03/10081

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 60/370,360 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS AND METHODS FOR PORTAL SPECIFIC GENE DELIVERY AND TREATMENT OF INFECTION

• COMPOSITIONS ET PROCEDES POUR ADMINISTRATION GENIQUE A SPECIFICITE DE PORTE ET TRAITEMENT DES INFECTIONS

(71) SELECTIVE GENETICS, INC. [US/US]; 11588 Sorrento Valley Road, Suite 21, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABBOTT, Robert [US/US]; 24605 Southeast 9th Place, Sammamish, WA 98074 (US). LAROCCA, David [US/US]; 1530 Calle Tulipanes, Encinitas, CA 92024 (US). BAIRD, Andrew [US/GB]; 45 Linton Street, London, Greater London N17AN (GB).

(74) CHRISTIANSEN, William, T. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086277 (13) A2

(21) PCT/US03/10308

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,282 5 Apr/avr 2002 US (05.04.2002)

(30) 10/406,686 3 Apr/avr 2003 US (03.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ATTENUATED GRAM NEGATIVE BACTERIA

• BACTERIES GRAM NEGATIVES ATTENUÉES

(71) MERIAL LLC [US/US]; 3239 Satellite Blvd., Duluth, GA 30096-4640 (US).

(72) CROOKE, Helen, Rachel; 545 Eskdale Road Winnersh Triangle, Wokingham Berkshire RG41 5TU (GB). SHEA, Jacqueline,

- Elizabeth; 545 Eskdale Road Winnersh Triangle, Wokingham Berkshire RG41 5TU (GB). **FELDMAN, Robert, Graham**; 545 Eskdale Road Winnersh Triangle, Wokingham Berkshire RG41 5TU (GB). **COUTEBROZE, Sylvain, Gabriel**; 12 rue Dansard, F-69007 Lyon (FR). **LEGROS, François-Xavier**; 85 Avenue de Gadagne, F-69230 Saint Genis Laval (FR).
- (74) **FROMMER, William, S.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 03/086279** (13) A2
- (21) PCT/US03/10342
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,842 **8 Apr/avr 2002** US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INHIBITORS OF AKT ACTIVITY
• INHIBITEURS DE L'ACTIVITE DE AKT
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUGGAN, Mark, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LINDSLEY, Craig, W.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 0706-0907 (US). **ZHAO, Zhijian** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 03/086278** (13) A2
- (21) PCT/US03/10323
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370.466 **5 Apr/avr 2002** US
(05.04.2002)
- (30) 60/414.202 **27 Sep/sep 2002** US
(27.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INTRAPLEURAL SINGLE-CHAIN UROKINASE ALONE OR COMPLEXED TO ITS SOLUBLE RECEPTOR PROTECTS AGAINST PLEURAL ADHESIONS
• PRO-UROKINASE INTRAPLEURALE SEULE OU COMPLEXEE A SON RE-CEPTEUR SOLUBLE POUR PROTEGER CONTRE LES ADHERENCES PLEURALES
- (63) US 60/370.466 (CON)
5 Apr/avr 2002 (05.04.2002)
US 60/414.202 (CON)
27 Sep/sep 2002 (27.09.2002)
- (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 210 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IDELL, Steven** [US]; ** (US).
- (74) **WILSON, Mark, B.**; Fulbright & Jaworski LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 03/086280** (13) A2
- (21) PCT/US03/10406
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,515 **4 Apr/avr 2002** US
(04.04.2002)
- (30) 60/421,966 **29 Oct/oct 2002** US
(29.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMMUNOSTIMULATORY G_U-CONTAINING OLIGORIBONUCLEOTIDES
• OLIGORIBONUCLEOTIDES IMMUNOSTIMULANTS CONTENANT DE LA GUANINE ET DE L'URACILE
- (71) **COLEY PHARMACEUTICAL GMBH** [DE/DE]; Elisabeth-Selbert-Strasse 9, 40764 Langenfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIPFORD, Grayson** [US/DE]; Benrode Strasse 86, 40597 Duesseldorf (DE). **BAUER, Stefan** [DE/DE]; Waisenhausstrasse 13, 80637 Munchen (DE).
- (74) **STEELE, Alan, W.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 03/086281** (13) A2
- (21) PCT/US03/10560
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) en (26) en
- (30) 60/369,594 **2 Apr/avr 2002** US
(02.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHITOSAN PRODUCTION
• PRODUCTION DE CHITOSANE
- (71) **CARGILL, INC.** [US/US]; Law Dept/24, 15407 McGinty Road West, Wayzata, MN 55391 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TRINKLE, James, R.** [US/US]; 2290 Van Buren Drive, Bussey, IA 50044 (US). **FAN, Weiyu** [CN/US]; 4117 Highland Road, Minnetonka, MN 55345 (US). **HWANG, Ki-Oh** [KR/US]; 727 1st Street NE, Cedar Rapids, IA 52402 (US).
- (74) **DEGRANDIS, Paula**; Cargill, Inc., 15407 McGinty Road West, Wayzata, MN 55391 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **A61K**
- (11) **WO 03/086282** (13) A2
- (21) PCT/US03/10562
- (22) **7 Apr/avr 2003 (07.04.2003)**

- (25) en (26) en
- (30) 60/369,873 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NITRIC OXIDE DONORS, COMPOSITIONS AND METHODS OF USE
- DONNEURS DE MONOXYDE D'AZOTE, COMPOSITIONS ET PROCÉDES D'UTILISATION, APPLICATIONS CORRESPONDANTES
- (71) NITROMED, INC. [US/US]; 12 Oak Park Drive, Bedford, MA 01730 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FANG, Xinqin [US/US]; 77 Bow Street, Lexington, MA 02420 (US). GARVEY, David, S. [US/US]; 10 Grand Hill Drive, Dover, MA 02030 (US). GASTON, Ricky, D. [US/US]; 252 Kennedy Drive, No. 512, Malden, MA 02148 (US). LIN, Chia-En [US/US]; 11 Baron Park Lane, Apt. 5, Burlington, MA 01830 (US). RANATUNGA, Ramani, R. [US/US]; 11 Bates Road, Lexington, MA 02421 (US). RICHARDSON, Stewart, K. [GB/US]; 55 Autumn Drive, Tolland, CT 06084 (US). WANG, Tiansheng [US/US]; 2 Dumbbar Way, Concord, MA 01742 (US). WANG, Weiheng [US/US]; 33 Winterberry Way, Bedford, MA 01730 (US). WEY, Shio-w-Jyi [US/US]; 5 Kimball Court, Apt. 611, Woburn, MA 01801 (US).
- (74) GRIEFF, Edward, D.; Hale and Dorr LLP, 1445 Pennsylvania Avenue, NW, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
- (11) WO 03/086283 (13) A2
- (21) PCT/US03/10624
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,730 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METASTASIS MODULATING ACTIVITY OF HIGHLY SULFATED OLIGOSACCHARIDES
- ACTIVITE DE MODULATION DE METASTASE D'OLIGOSACCHARIDES HAUTEMENT SULFATES
- (71) GREENVILLE HOSPITAL SYSTEM [US/US]; 900 West Faris Road, Greenville, SC 29605 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGNER, Thomas, E. [US/US]; 104 Golden Wings Way, Greer, SC 29650 (US). YU, Xianzhang [CN/US]; 6 Cade Court, Mauldin, SC 29662 (US).
- (74) SCHILL, Charles, F. et al. / etc.; Foley & Lardner, 300 K Street, N.W., Washington, DC 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
- (11) WO 03/086285 (13) A2
- (21) PCT/US03/10648
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/369,850 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COLON TUMOR SPECIFIC BINDING PEPTIDES
- PEPTIDES DE LIAISON SPECIFIQUE AUX TUMEURS DU COLON
- (71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KELLY, Kimberly, A. [US/US]; 825 University Village, Salt Lake City, UT 84108 (US). JONES, David, A. [US/US]; 1780 E. Logan Avenue, Salt Lake City, UT 84108 (US).
- (74) BOOTH, Paul, M. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 1666 K Street, N.W., Suite 300, Washington, DC 20006-1228 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
- (11) WO 03/086286 (13) A2
- (21) PCT/US03/10700
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/371,663 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TREATMENT OF TYPE 1 DIABETES BEFORE AND AFTER EXPRESSION OF PREDISPOSITION MARKERS
- TRAITEMENT DU DIABETE DE TYPE 1 AVANT ET APRES L'EXPRESSION DE MARQUEURS DE PREDISPOSITION
- (71) THE CURATORS OF THE UNIVERSITY OF MISSOURI [US/US]; 615 Locust Street, Columbia, MO 65211 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZAGHOUBANI, Habib [US/US]; 1608 Brookfield Manor, Columbia, MO 65203 (US). GREGG, Randal, Keith [US/US]; 4105 Red Fox Court, Columbia, MO 65202 (US).
- (74) BARRY, Amanda, T. et al. / etc.; Mayer, Brown, Rowe & Maw, P.O.Box 2828, Chicago, IL 60690 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086287 (13) A2

(21) PCT/US03/10738

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,664 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOUNDS AND METHODS FOR
INDUCING APOPTOSIS IN PROLIFER-
ATING CELLS

• COMPOSES ET METHODES PERMET-
TANT D'INDUIRE L'APOPTOSE CHEZ
DES CELLULES DE PROLIFERATION

(71) THE OHIO STATE UNIVERSITY RE-
SEARCH FOUNDATION [US/US]; 1960
Kenny Road, Columbus, OH 43210-1063
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHEN, Ching-Shin [US/US]; 1840 Suf-
folk Road, Upper Arlington, OH 43221 (US).
SONG, Xueqin [CN/US]; 3061 International
Drive, Ypsilanti, MI 48197 (US). LIN, Ho-Pi
[—/US]; 1180 Chambers Road, Apt. #111B,
Columbus, OH 43212 (US).

(74) FROST, Kristin, J.; Calfee, Halter &
Griswold LLP, 1400 McDonald Investment
Center, 800 Superior Avenue, Cleveland, OH
44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/086288 (13) A2

(21) PCT/US03/10740

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,234 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BICYCLIC AMIDES

• AMIDES BICYCLIQUES

(71) MERCK & CO., INC. [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CASTONGUAY, Laurie, A. [US/US];
126 East Lincoln Avenue, Rahway, NJ
07065-0907 (US). HAGMANN, William,
K. [US/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US). LIN, Linus, S.
[CN/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US). SHAH, Shrenik, K.
[US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln
Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086289 (13) A2

(21) PCT/US03/10749

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,407 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HUMAN ANTI-OPGL NEUTRALIZING
ANTIBODIES AS SELECTIVE OPGL
PATHWAY INHIBITORS

• ANTICORPS HUMAIN NEUTRALI-
SANT ANTI OPGL UTILISES EN
TANT QU'INHIBITEURS DE CHE-
MIN D'OPGL

(63) US 60/370,407 (CON)
5 Apr/avr 2002 (05.04.2002)

(71) AMGEN INC. [US/US]; One Amgen Center
Drive, Thousand Oaks, CA 91320 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOYLE, William, J. [US/US]; 5901
DeButts Terrace, Malibu, CA 90265 (US).
MEDLOCK, Eugene [US/US]; 1605 Fairmont
Drive, Westlake, CA 91362 (US).
SULLIVAN, John, K. [US/US]; 1085
Rotella Street, Newbury Park, CA 91320
(US). ELLIOTT, Robin, L. [US/US]; 691
Randy Drive, Newbury Park, CA 91320
(US). MARTIN, Frank [US/US]; 865 Fern-
hill Court, Newbury Park, CA 91320 (US).
HUANG, Haichun [US/US]; 2425 Sueno
Way, Fremont, CA 94539 (US).

(74) NOONAN, Kevin, E.; McDonnell Bochnen
Hulbert & Berghoff, 300 South Wacker Drive,
Suite 3200, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086290 (13) A2

(21) PCT/US03/10806

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,572 5 Apr/avr 2002 US
(05.04.2002)

(30) 60/400,506 2 Aug/août 2002 US
(02.08.2002)

(30) 06/402,218 8 Aug/août 2002 US
(08.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTROPROCESSING OF MATERI-
ALS USEFUL IN DRUG DELIVERY
AND CELL ENCAPSULATION

• ELECTRO-TRAITEMENT DE PRO-
DUITS UTILISES DANS LA LIBERA-
TION DE MEDICAMENTS ET L'EN-
CAPSULATION CELLULAIRE

(71) VIRGINIA COMMONWEALTH UNI-
VERSITY INTELLECTUAL PROPERTY
FOUNDATION [US/US]; 1101 East Mar-
shall Street, Room 2015, Richmond, VA
23298 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WNEK, Gary, E. [US/US]; 12508
Rocky River Drive, Midlothian, VA 23113
(US). SIMPSON, David, G. [US/US]; 10265
Cloverlea Court, Mechanicsville, VA 23116
(US). BOWLIN, Gary, L. [US/US]; 7016
Meredith Farms drive, Mechanicsville, VA
23111 (US). YAO, Li [CN/US]; 11313 Bri-
argate Road, Apartment 102, Richmond, VA
23235 (US). KENAWY, El-Refaie [EG/EG];
Dewidar House, Ezzat Wassat El-Delta,
Tanta El-Tareek El-Saree (EG). LAYMAN,
John, M. [US/US]; 14113 Spruce Avenue,
Chester, VA 23836 (US). SANDERS, Elliot,
H. [US/US]; 4000 Harvie Road, Richmond,
VA 23218 (US). FENN, John [US/US]; 4909
Cary Street Road, Richmond, VA 23226
(US).

(74) MCGREEVEY, William K., et al. / etc.;
Suite 2800, 1100 Peachtree Street, Atlanta,
GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086291 (13) A2

(21) PCT/US03/10823

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,157 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • UREA COMPOSITIONS

• COMPOSITIONS D'UREE

(71, 72) YU, Ruey, J. [US/US]; 4 Lindenwold
Terrace, Ambler, PA 19002 (US). VAN
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(74) DOODY, Patrick, A. et al. / etc.; Hunton &
Williams, 1900 K Street N.W., Washington,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086292 (13) A2

(21) PCT/US03/10826

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,068 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF NA,K-ATPASE A-AND B-SUB-
UNITS IN BLADDER CANCER DE-
TECTION AND DRUG SCREENING

• UTILISATION DES SOUS-UNITES
 α ET β DE LA NA,K-ATPASE DANS
LA DETECTION DU CANCER DE LA
VESSIE ET LE CRIBLAGE DE MEDI-
CAMENTS

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086293 (13) A2

(21) PCT/US03/10829

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,734 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL PREPARATION
FOR TASTE MASKING

• PREPARATION PHARMACEUTIQUE
DE MASQUAGE DE GOUT

(71) TAISHO PHARMACEUTICAL CO.,
LTD. [JP/JP]; 24-1, Takata 3-chome,
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(74) MACK, Susan, J. et al. / etc.; Sughrue Mion,
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800, Washington, DC 20037-3213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086294 (13) A2

(21) PCT/US03/10867

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,948 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • 1H-BENZO[F]INDAZOL-5-YL
DERIVATIVES AS SELECTIVE GLU-
CORTICOID RECEPTOR MODU-
LATORS

• DERIVES DE 1H-BENZO[F]INDA-
ZOL-5-YL UTILISES EN TANT QUE
MODULATEURS SELECTIFS DU RE-
CEPTEUR GLUCOCORTICOIDE

(71) MERCK & CO., INC. [US/US]; 126 East
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les États désignés sauf US)

(72, 75) ALI, Amjad [GB/US]; 126 East Lin-
coln Avenue, Rahway, NJ 07065-0907 (US).
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(74) MERCK & CO., INC.; 126 East Lincoln
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K

(11) WO 03/086295 (13) A2

(21) PCT/US03/10921

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,285 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PREPARING TANNATE
LIQUID AND SEMI-SOLID DOSAGE
FORMS

• PROCEDE DE PREPARATION DE LI-
QUIDE DE TANNATE ET FORMES PO-
SOLOGIQUES SEMI-SOLIDES

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30504 (US).

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(81) CA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K

(11) WO 03/086296 (13) A2

(21) PCT/US03/10922

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,663 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TREATMENT FOR TYPE 1 DIABETES BEFORE AND AFTER EXPRESSION OF PREDISPOSITION MARKERS.

• TRAITEMENT DU DIABETE DE TYPE 1 AVANT ET APRES L'EXPRESSION DE MARQUEURS DE PREDISPOSITION

(71) **CURATORS OF THE UNIVERSITY OF MISSOURI** [US/US]; 615 Locust St. Building, Columbia, MO 65211 (US).

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(72, 75) **ZAGHOUBANI, Habib** [US/US]; 1608 Brookfield Manor, Columbia, MO 65203 (US). **GREGG, Randal, Keith** [US/US]; 4105 Red Fox Court, Columbia, MO 65202 (US).

(74) **MAHONEY, Joseph, A.** et al. / etc.; Mayer Brown Rowe & Maw, P.O. Box 2828, Chicago, IL 60690 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086297 (13) A2

(21) PCT/US03/10925

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,834 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-LAYER MUCOADHESIVE DRUG DELIVERY DEVICE WITH BURSTING RELEASE LAYER

• DISPOSITIF MUCOADHESIF MULTI- COUCHE D'ADMINISTRATION DE MEDICAMENTS PRESENTANT UNE

COUCHE DE LIBERATION PAR ECLATEMENT

(71) **LAVIPHARM LABORATORIES, INC.** [US/US]; 69 Princeton-Hightstown Road, East Windsor, NJ 08520 (US).

(72) **CHEN, Li-Lan, H.**; 3906 Victoria Court, Edison, NJ 08817 (US). **LIANG, Alfred**; 25 Park Gate Drive, Edison, NJ 08820 (US).

(74) **DEIBERT, Thomas, S.**; Dechert LLP, P.O.Box 5218, Princeton, NJ 08532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086298 (13) A2

(21) PCT/US03/10926

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,344 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF INTERLEUKIN-19 TO TREAT OVARIAN CANCER

• UTILISATION D'INTERLEUKINE 19 POUR TRAITER LE CANCER DE L'OVAIRE

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **CHANDRASEKHER, Yasmin, A.**; 5912 83rd Place SE, Mercer Island, WA 98040 (US). **MCKERNAN, Patricia, A.**; 18459 NE 196th Place, Woodinville, WA 98072 (US).

(74) **JOHNSON, Jennifer, K.**; ZymoGenetics, Inc., 1201 Eastlake Ave E, Seattle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086299 (13) A2

(21) PCT/US03/10932

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,010 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • QUANTITATIVE ASSAY OF THE ANGIOGENIC AND ANTIANGIOGENIC ACTIVITY OF A TEST MOLECULE

• ANALYSE QUANTITATIVE DE L'ACTIVITE ANGIOGENIQUE ET ANTI-ANGIOGENIQUE D'UNE MOLECULE D'ESSAI

(71) **GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICE** [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).

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(74) **LARCHER, Carol** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086300 (13) A2

(21) PCT/US03/10938

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,191 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND COMPOSITIONS FOR TREATING ALZHEIMER'S DISEASE

• METHODES ET COMPOSITIONS DESTINEES A TRAITER LA MALADIE D'ALZHEIMER

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02214 (US). **AMERICAN RED CROSS** [US/US]; Holland Laboratory, 15601 Crabbs Branch Way, Rockville, MD 20855 (US).

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(71) THE REGENTS OF THE UNIVERSITY
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(72, 75) **DUNCAN, Keith** [US/US]; 5 Perego Terrace, Apt. 4, San Francisco, CA 94131 (US). **STEWART, Jay** [US/US]; 2001 NE 62nd St., Fort Lauderdale, FL 33308 (US).

(74) **SISTRUNK, Melissa, L.**; Fulbrigh & Jaworski, L.L.P., Suite 5100, 1301 McKinney, Houston, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086306** (13) **A2**

(21) PCT/US03/11076

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,058 **12 Apr/avr 2002** US
(12.04.2002)

(30) 60/405,495 **23 Aug/août 2002** US
(23.08.2002)

(30) 60/434,607 **18 Dec/déc 2002** US
(18.12.2002)

(30) 10/410,991 **10 Apr/avr 2003** US
(10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **5HT_{2C} RECEPTOR MODULATORS**

• **MODULATEURS DU RECEPTEUR 5HT<SB>2C</SB>**

(71) **ARENA PHARMACEUTICALS, INC.** [US/US]; 6166 Nancy Ridge Drive, San Diego, CA 92121 (US).

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(72, 75) **SMITH, Jeffrey** [US/US]; 8041 Jade Coast Road, San Diego, CA 92126 (US). **SMITH, Brian** [US/US]; 11184 Vista Sorrento Parkway, Apartment G-301, San Diego, CA 92130 (US).

(74) **STRAHER, Michael, P. et al. / etc.**; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086307** (13) **A2**

(21) PCT/US03/11184

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/372,049 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **β₂-MICROGLOBILIN (β₂m) AND ANTI-β₂m BINDING AGENTS AS ANTI-CANCER THERAPEUTICS**

• **?<SB>2</SB>-MICROGLOBILINE (?<SB>2</SB>M) ET AGENTS DE LIAISON ANTI-?<SB>2</SB>M UTILISES COMME AGENTS THERAPEUTIQUES ANTICANCEREUX**

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; 2404 North University Avenue, Little Rock, AR 72207-3608 (US).

(71, 72) **YI, Qing** [SE/US]; 4615 Glen Valley Drive, Little Rock, AR 72223 (US).

(74) **ROTHSCHILD, Cynthia, B. et al. / etc.**; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-States, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 03/086308** (13) **A2**

(21) PCT/US03/11231

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 10/121,988 **11 Apr/avr 2002** US
(11.04.2002)

(30) 10/200,562 **19 Jul/juil 2002** US
(19.07.2002)

(30) 10/237,551 **6 Sep/sep 2002** US
(06.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF HERPES SIMPLEX VIRUS INFECTION**

• **COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE L'INFECTION DU VIRUS DE L'HERPES SIMPLEX**

(71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).

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(74) **CHRISTIANSEN, William, T. et al. / etc.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/371,946 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **NF-κB INHIBITORS**

• **INHIBITEURS DE NF-?B**

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Place, P.O. Box 7929, Philadelphia, PA 19101 (US).
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(72, 75) **CALLAHAN, James, F.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **LI, Yue, H.** [CN/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **MADDEN, Laura, K. et al. / etc.**; Smithkline Beecham Corporation, Corporate Intellectual Property, UW 2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(i) for the following designations / pour les désignations suivantes : AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA UZ VN YU ZA AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/086310 (13) A2

(21) PCT/US03/11316

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/371,719 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PREVENTION OF BRAIN INFLAMMATION AS A RESULT OF INDUCED AUTOIMMUNE RESPONSE

• PREVENTION DE L'INFLAMMATION DU CERVEAU EN TANT QUE RESULTAT D'UNE REPOSE AUTO-IMMUNE INDUITE

(71) RAMOT AT TEL AVIV UNIVERSITY LTD. [IL/IL]; 32 Haim Levanon, P.O. Box 39296, 61392 Tel Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71) MCINNIS, Patricia [US/US]; 2325 42nd Street, N.W., Apt. 203, Washington, DC 20007 (US).

(only for / seulement pour SD)

(72, 75) SOLOMON, Beka [IL/IL]; 120 Hanassi, 46399 Herzlia Pituach (IL).

(74) BROWDY, Roger, L. et al. / etc.; Browdy and Neimark, P.L.L.C., 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086311 (13) A2

(21) PCT/US03/11350

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,611 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR TREATING TWEAK-RELATED CONDITIONS

• PROCEDE POUR TRAITER LES ETATS LIES A TWEAK

(71) BIOGEN, INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURKLY, Linda [US/US]; 34 Winthrop Street, West Newton, MA 02465 (US). JAKUBOWSKI, Aniela [US/US]; 151 Mystic Street, #41, Arlington, MA 02474 (US). ZHENG, Timothy [US/US]; 221 Massachusetts Avenue, Apt. 1105, Boston, MA 02115 (US). HAHM, Kyungmin [US/US]; 2360 Commonwealth Avenue #2-3, Auburndale, MA 02466 (US).

(74) HALEY, James, F. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61K

(11) WO 03/086312 (13) A2

(21) PCT/US03/11374

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/371,674 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONJUGATES COMPRISING CANCER CELL SPECIFIC LIGANDS, A

SUGAR AND CANCER CHEMOTHERAPEUTIC AGENTS/BORON NEUTRON CAPTURE THERAPY AGENTS, AND USES THEREOF

• CONJUGUES COMPRENANT DES LIGANDS SPECIFIQUES AUX CELLULES CANCEREUSES, UN SUCRE ET DES AGENTS CHIMIOOTHERAPEUTIQUES ANTI-CANCEREUX/AGENTS DE BORONEUTROTHERAPIE, ET LEURS UTILISATIONS

(71) A & D BIOSCIENCE, INC. [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLICK, Michael, F. [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US). RAMANATHAN, Halasya [IN/US]; 183 Bemis Road, Apartment 7, Fitchburg, MA 01420 (US).

(74) ESMOND, Robert, W. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K

(11) WO 03/086313 (13) A2

(21) PCT/US03/11376

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,523 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR LIGHTENING SKIN AND HAIR

• PROCEDES D'ECLAIRCISSEMENT CUTANE ET CAPILLAIRE

(71) TRUSTEES OF BOSTON UNIVERSITY [US/US]; One Sherborn Street, Boston, MA 02215 (US).

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(72, 75) YAAR, Mina [US/US]; 53 Lantern Lane, Sharon, MA 02067 (US). PARK, Hee-Young [US/US]; 346 South Avenue, Weston, MA 02493 (US). BOTCHKAREV, Vladimir [RU/US]; 63 Summit Avenue, Sharon, MA 02067 (US). GILCHREST, Barbara, A. [US/US]; 343 Commercial Street, Union Wharf #27, Boston, MA 02109 (US).

(74) HOGLE, Doreen, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086314 (13) A2

(21) PCT/US03/12456

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,358 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TYROSINE KINASE INHIBITORS

• INHIBITEURS DE LA TYROSINE KINASE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Annette [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086315 (13) A2

(21) PCT/US03/12457

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,232 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TYROSINE KINASE INHIBITORS

• INHIBITEURS DE LA TYROSINE KINASE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TROTTER, B., Wesley [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086316 (13) A2

(21) PCT/US03/03062

(22) 3 Feb/fév 2003 (03.02.2003)

(25) en (26) en

(30) 60/372,264 12 Apr/avr 2002 US
(12.04.2002)

(30) 10/186,251 27 Jun/juin 2002 US
(27.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEGRADABLE CROSSLINKERS, AND DEGRADABLE CROSSLINKED HYDROGELS COMPRISING THEM

• AGENTS DE RETICULATION DEGRADABLES ET HYDROGELS RETICULES DEGRADABLES LES CONTENANT

(71) BIOSPHERE MEDICAL, INC. [US/US]; 1050 Hingham Street, Rockland, MA 02370-1052 (US).

(72) ZHANG, Hongmin; 41 Kingston Way, Duxbury, MA 02332 (US). SCHWARZ, Alexander; 20 John Street #3, Brookline, MA 02446 (US).

(74) GORDON, Dana, M. et al. / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086317 (13) A2

(21) PCT/US03/07019

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/121,481 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTEIN A COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS DE PROTEINE A ET METHODES D'UTILISATION ASSOCIEES

(71) PROTALEX, INC. [US/US]; 717 Encino Place, Albuquerque, NM 87102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANN, Paul [US/US]; 423 Girard, N.E., Albuquerque, NM 87106 (US).

(74) WETHERELL, John, R.; Pillsbury Winthrop LLP, 11682 El Camino Real, Suite 200, San Diego, CA 92130-1593 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086318 (13) A2

(21) PCT/US03/07282

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/116,053 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED PRODRUGS OF CC-1065 ANALOGS

• PROMEDICAMENTS AMELIORES D'ANALOGUES CC-1065

(71) IMMUNOGEN, INC. [US/US]; 128 Sidney Street, Cambridge, MA 02139-4239 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ZHAO, Robert, Yongxin [CN/US]; 200 Warren Street, Watertown, MA 02472 (US). CHARI, Ravi, V.J. [US/US]; 174 Winchester Street, Newton, MA 02461 (US).

(74) HISSONG, Drew et al. / etc.; SUGHRUE MION, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086319 (13) A2

(21) PCT/US03/07517

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/371,296 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMPOSITIONS CONTAINING AN HIV INTEGRASE INHIBITOR AND A NONIONIC SURFACTANT

• COMPOSITIONS PHARMACEUTIQUES CONTENANT UN INHIBITEUR DE L'INTEGRASE DU VIH ET UN TENSIOACTIF NON IONIQUE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBERTSON, Sandra [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CRUANES, Maria, T. [AR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). KARABORNI, Sami [TN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). OSTOVIC, Drazen [HR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). FU, Xi-Yong [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). KAMALI, Ashkan [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PANMAI, Santipharp [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PLANK, Russell, V. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086320 (13) A2

(21) PCT/US03/08456

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/370,936 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF RESISTIN TO TREAT HEMATOPOIETIC DISORDERS

• UTILISATION DE RESISTINE POUR LE TRAITEMENT DE TROUBLES HEMATOPOIETIQUES

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JASKUNAS, Stanley, Richard [US/US]; 4150 Juniper Court, Indianapolis, IN 46250 (US). LI, De-Shan [US/US]; 6317

Feather Run Drive, Indianapolis, IN 46237 (US). LIU, Ling [CA/US]; 10740 Putnam Place, Carmel, IN 46032 (US). ZENG, Wei [CA/US]; 5698 Aquamarine Drive, Carmel, IN 46033 (US).

(74) PLANT, Thomas, G. et al. / etc.; Eli Lilly And Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/086321 (13) A2

(21) PCT/US03/09023

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/115,892 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODIFIED RELEASE MINERALS

• MINÉRAUX A LIBÉRATION MODIFIÉE

(71) DRUGTECH CORPORATION [US/US]; 300 Delaware Avenue, Suite 1270, Wilmington, DE 19801 (US).

(72) HERMELIN, Marc, S.; 2503 South Hanley Road, St. Louis, MO 63144 (US). GRIMSHAW, Michael; Mardlewood Cottage, 300Doulton Place, St Louis, MO 63141 (US).

(74) NATH, Gary, M., et al; Nath & Associates PLLC, 1030 15th Street, N.W., 6th Floor, Washington, D.C 20005-1503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/086322 (13) A2

(21) PCT/US03/09293

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/121,951 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING SUB-CLINICAL LASER PROCEDURES WITH INTRA-OPERATIVE MONITORING OF ELECTROPHYSIOLOGICAL CHANGES

• PROCEDE ET APPAREIL DE GESTION DE PROCEDURES DE LASER SUB-CLINIQUE AVEC SUIVI INTRA-OPERATOIRE DE CHANGEMENTS ELECTROPHYSIOLOGIQUES

(71) IRIDEX CORPORATION [US/US]; 1212 Terra Bella Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FALSINI, Benedetto [IT/IT]; Viale Medaglie d'Oro, N° 283, I-00136 Roma (IT). DORIN, Giorgio [US/US]; 21890 Corte Madera Lane, Cupertino, CA 95014 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/086323 (13) A2
- (21) PCT/US03/09714
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 60/370,788 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COMPOSITIONS AND METHODS FOR IMMUNOMODULATION
• COMPOSITIONS ET PROCEDES D'IMMUNOMODULATION
- (71) NEURONZ LIMITED [NZ/NZ]; Level 3, 2-6 Park Avenue, Grafton, Auckland (NZ). NEURONZ BIOSCIENCES, INC. [US/US]; 2711 Centerville Road, Suite 400, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GLUCKMAN, Peter, D. [NZ]; 78 Lucerne Road, Remuera, Auckland (NZ).
- (74) MEYER, Sheldon, R. et al. / etc.; Fliesler Dubb Meyer & Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/086324 (13) A2
- (21) PCT/US03/09818
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 10/120,848 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PREPARATION AND USE OF A STABLE FORMULATION OF ALLOSTERIC EFFECTOR COMPOUNDS
• ELABORATION ET UTILISATION D'UNE FORMULATION STABLE DE COMPOSES AUX EFFETS ALLOSTÉRIQUES
- (71) ALLOSTHERAPEUTICS, INC. [US/US]; 11080 CirclePoint Road, Suite 200, Westminster, CO 80020 (US).
- (72) JOHNSON, Douglas, Giles; 6244 Devinney Circle, Arvada, CO 80004 (US). DOTY,

- Mark; 610 Kenilworth St., Grayslake, IL 60030 (US). KIPP, James, E.; 609 Hermosa Avenue, Wauconda, IL 60084 (US).
- (74) SWANSON, Barry, J. et al. / etc.; Swanson & Bratschun, L.L.C., Suite 330, 1745 Shea Center Drive, Highlands Ranch, CO 80129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/086325 (13) A2
- (21) PCT/US03/09852
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 60/370,368 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CYANAMIDES USEFUL AS REVERSIBLE INHIBITORS OF CYSTEINE PROTEASES
• CYANAMIDES UTILES EN TANT QU'INHIBITEURS REVERSIBLES DES CYSTEINE PROTEASES
- (71) BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (72) LIU, Weimin; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). GILMORE, Thomas, A.; Millennium Pharmaceuticals, 35 Landsdowne, Cambridge, MA 02139 (US). HICKEY, Eugene, Richard; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). NEMOTO, Peter, Allen; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SPERO, Denise, M.; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (74) RAYMOND, Robert, P. et al. / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/086326 (13) A2
- (21) PCT/US03/09988
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 10/120,508 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • G-TYPE PEPTIDES TO AMELIORATE ATHEROSCLEROSIS
• PEPTIDES DE TYPE G DESTINES A AMELIORER L'ATHEROSCLEROSE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94602-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FOGELMAN, Alan, M. [US/US]; 481 Hillgreen Drive, Beverly Hills, CA 90212-4107 (US). NAVAB, Mohamad [US/US]; 3247 Rosewood Avenue, Los Angeles, CA 90066-1735 (US).
- (74) BERLINER, Robert; Fullbright & Jaworski, L.L.P., 865 S. Figueroa Street, 29th floor, Los Angeles, CA 90017-2571 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 6/083
- (11) WO 03/086327 (13) A2
- (21) PCT/FR03/01211
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) fr (26) fr
- (30) 02/04710 16 Apr/avr 2002 FR (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RADICAL POLYMERISATION ACTIVATOR FOR THE PRODUCTION OF COLOURED NON-TOXIC ORGANIC CEMENTS
• ACTIVATEUR DE POLYMERISATION RADICALAIRE PERMETTANT L'OBTENTION DE CEMENTS ORGANIQUES COLORES ET NON TOXIQUES
- (71) POLYMEREXPERT SA [FR/FR]; Ecôle Nationale Supérieure, Avenue Pey Berland, F-33600 Pessac (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MANGOU, Emmanuel** [FR/FR]; 21, rue de Freycinet, F-33400 Talence (FR). **PAGNOUX, Anne** [FR/FR]; 3, allée des Pinsons, F-33114 Le Barp (FR). **ROBIN, Sophie** [FR/FR]; Résidence le Bocage, Appartement 1, Bâtiment A, F-33400 Talence (FR). **DOLATKHANI, Marc** [FR/FR]; 12, avenue de la Gare, F-33610 Cestas (FR). **DEFFIEUX, Alain** [FR/FR]; 70, rue Georges Mendel, F-33000 Bordeaux (FR).

- (74) **GIRAUD, Françoise et al.** / etc.; Cabinet Beau de Lomenie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 6/083, C04B 28/28, A61K 6/00**

(11) **WO 03/086328** (13) A1

(21) PCT/US03/05769

(22) **25 Feb/fév 2003 (25.02.2003)**

(25) en (26) en

(30) 10/121,329 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICAL COMPOSITIONS CONTAINING AN IONIC SALT

• COMPOSITIONS MEDICALES CONTENANT UN SEL IONIQUE

- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

- (72) **MITRA, Sumita B.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **FALSAFI, Afshin**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

- (74) **GWIN, Doreen S. L.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **A61K 7/00**

(11) **WO 03/086329** (13) A2

(21) PCT/GB03/01523

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 0208081.0 **9 Apr/avr 2002 GB (09.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SKINCARE COMPOSITIONS AND METHODS

• COMPOSITIONS ET METHODES DE SOIN DE LA PEAU

- (71) **THE BOOTS COMPANY PLC** [GB/GB]; Nottingham NG2 3AA (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CALVERLEY, Ruth, Rebecca** [GB/GB]; The Boots Company PLC, Nottingham, NG2 3AA (GB). **THOMAS, Joy, Diane** [GB/GB]; The Boots Company PLC, Nottingham NG2 3AA (GB). **HAMILTON, Lloyd George** [GB/GB]; The Boots Company PLC, Nottingham NG2 3AA (GB).

- (74) **JONES, Stephen, Anthony**; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **A61K 7/00, 7/48**

(11) **WO 03/086330** (13) A1

(21) PCT/IB03/01390

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) pt (26) en

(30) PI0201235-9 **12 Apr/avr 2002 BR (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A MULTIPHASE COSMETIC COMPOSITION

• COMPOSITION COSMESTIQUE MULTIPHASES

- (71) **NATURA COSMÉTICOS S.A.** [BR/BR]; Rua Amador Bueno 491, Santo Amaro, 0 São Paulo, SP, CEP-04752-900, Sao Paulo (BR). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DI PUCCIO PAGANO, Erica Luiza** [BR/BR]; Av. Dr. Silva Melo, 520, Apt. 1002, Jardim Murajoara, Sao Paulo (BR).

- (74) **DE SOUZA TRINDADE, Sydinéa**; Dannemann, Siemsen, Bigler, & Ipanema Moreira, Caixa Postal 2142, Rua Marquês de Olinda, 70, CEP-22251-040- Rio de Janeiro- RJ (BR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 7/00**

(11) **WO 03/086331** (13) A2

(21) PCT/US03/10759

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/372,555 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDUCTION OF HAIR GROWTH

• RALENTISSEMENT DE LA CROISSANCE DU SYSTEME PILEUX

- (71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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(72, 75) **AHLUWALIA, Gurpreet, S.** [US/US]; 77 Lake Avenue, Newton, MA 02459 (US). **STYCZYNSKI, Peter** [US/US]; 55 Oak Ridge Drive, Wrentham, MA 02093 (US). **SHANDER, Douglas** [US/US]; 2A Farmstead Way, Acton, MA 01720 (US).

(74) **RICHARDS, John** et al. / etc.; Ladas & Parry, 26 West 61st street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/00, 9/08**

(11) **WO 03/086332** (13) A1

(21) PCT/US03/11300

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/371,755 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ANTIMICROBIAL WASH AND CARRIER SOLUTIONS, AND USES THEREOF**

• **SOLUTIONS SUPPORT ET DE LAVAGE ANTIMICROBIENNES, ET UTILISATIONS CORRESPONDANTES**

(71) **DVM PHARMACEUTICALS, INC.** [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US).

(72) **FARNG, Richard, K.**; 2752 SW 127th Avenue, Miramar, FL 33027 (US). **MRHA, Steven**; 10232 Cayman Street, Cooper City, FL 33026 (US).

(74) **LEVI-MINZI, Simona, A.**; Ivax Corporation, 4400 Biscayne Boulevard, Miami, FL 33137 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 7/025**

(11) **WO 03/086333** (13) A1

(21) PCT/US03/10690

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,736 **8 Apr/avr 2002 (08.04.2002)** US

(30) 60/411,459 **17 Sep/sep 2002 (17.09.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ANHYDROUS, SINGLE PHASE, TRANSFER RESISTANT COSMETIC LIP COMPOSITIONS**

• **COMPOSITIONS COSMETIQUES ANHYDRES POUR LES LEVRES, A PHASE UNIQUE ET RESISTANT AU TRANSFERT**

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WYATT, Peter, Jonathan**; 794 Del Ray Drive, Forest Hill, MD 21015 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61K 7/06, 45/00, A61P 17/14, C07D 271/08, 313/00, 493/04, 493/06, 493/08, 493/16**

(11) **WO 03/086334** (13) A1

(21) PCT/JP03/04884

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) ja (26) ja

(30) 2002-115529 **17 Apr/avr 2002 (17.04.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HAIR GROWTH TONIC**

• **PRODUIT TONIQUE POUR LA POUSSE DE CHEVEUX**

(71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IKEDA, Akiko** [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **SHINONAGA, Hideki** [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome,

Toshima-ku, Tokyo 170-8633 (JP). **FUJIMOTO, Natsuko** [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **KASAI, Yoko** [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP).

(74) **SATORI, Soichi** et al. / etc.; c/o TAISHO PHARMACEUTICAL CO., LTD. Intellectual Property Division, 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/06**

(11) **WO 03/086335** (13) A1

(21) PCT/NL03/00265

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 02076416.3 **8 Apr/avr 2002 (08.04.2002)** EP

(30) 60/370,153 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HAIR CARE COMPOSITION FOR RESTORING THE ELASTICITY OF HAIR**

• **COMPOSITION DE SOIN CAPILLAIRE DESTINEE A RESTAURER L'ELASTICITE DES CHEVEUX**

(71) **PURAC BIOCHEM B.V.** [NL/NL]; P.O. Box 21, NL-4200 AA Gorinchem (NL).

(72) **GIJSEN, Rupertus, Mattias, Rafaël**; Wijnkers 15, NL-4007 ZP Tiel (NL).

(74) **VAN WESTENBRUGGE, Andries et al.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) BR CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **A61K 7/13, D06P 3/08, C11D 3/395**

(11) **WO 03/086336** (13) A1

(21) PCT/JP02/03869

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HAIRDYE COMPOSITION**

• **COMPOSITION DE COLORANT CAPILLAIRE**

(71) **KAO CORPORATION** [JP/JP]; 14-10, NIHONBASHIKAYABACHO 1-CHOME, CHUO-KU, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Hideyuki** [JP/JP]; c/o KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP). **KAWAMATA, Akira** [JP/JP]; c/o KAO CORPORATION RESEARCH LABORATORIES, 1334, MINATO, WAKAYAMA-SHI, Wakayama 640-8580 (JP). **KIYOMINE, Akira** [JP/JP]; c/o KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP).

(74) **THE PATENT CORPORATE BODY ARUGA PATENT OFFICE**; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 7/16**

(11) **WO 03/086337** (13) A2

(21) PCT/US03/10343

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 0208466.3 **12 Apr/avr 2002** GB
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • UNIT DOSE ORAL TREATMENT PRODUCTS, KITS AND METHODS
• PRODUITS DE TRAITEMENT BUCAL MONODOSES, TROUSSES ET METHODES ASSOCIEES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **CASHMAN, Stuart, Reginald**; 7 Valley Mews, Cross Deep, Twickenham, Middlesex TW1 4QT (GB). **MONEUZE, Gaelle**; 3 Wesley Drive, Egham, Surrey TW20 9JA (GB). **MORTON, Jennifer, Claire**; 10 Huxtable Gardens, Bray, Maidenhead, Berkshire SL6 2EJ (GB). **YE, Hai**; 2F Xueyan Building, Shuangqin Road, Beijing 100084 (CN).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/32**

(11) **WO 03/086338** (13) A1

(21) PCT/EP03/03603

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 102 16 368.5 **12 Apr/avr 2002** DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF HYDROXYDIPHENYL ETHER DERIVATIVES AS ARYLSULFATASE-INHIBITORS IN DEODORANTS AND ANTIPERSPIRANTS
• UTILISATION DE DERIVES D'HYDROXYDIPHEYLETHER EN TANT QU'INHIBITEURS D'ARYLSULFATASE DANS DES DEODORANTS ET ANTISUDORIFIQUES

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANOWSKI, Bernhard** [DE/DE]; Bernrodestrasse 6, 40597 Düsseldorf (DE). **WADLE, Armin** [DE/DE]; Wilbecker Strasse 105, 40699 Erkrath (DE). **SIEGERT, Petra** [DE/DE]; Rietmacherweg 4, 42781 Haan (DE).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/32**

(11) **WO 03/086339** (13) A1

(21) PCT/US03/10576

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 10/117,900 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLEAR ANTIPERSPIRANT WITH ALCOHOL FREE ACTIVE
• ANTI-TRANSPIRANT RENFERMANT UN PRINCIPE ACTIF EXEMPT D'ALCOOL

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **JOHANSSON, Marie**; 22 East Drive, Watchung, NJ 07069 (US). **BRAHMS, John**; 141 Abbot Court, Piscataway, NJ 08854 (US).

(74) **MIANO, Rosemary, M.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ **A61K 7/42, C07D 227/00, C07F 7/08, C08G 77/04, 77/26**

(11) **WO 03/086340** (13) A1

(21) PCT/EP03/03095

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 02008419.0 **12 Apr/avr 2002** EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORGANOSILICONE DERIVATIVES OF AMINO HYDROXYBENZOPHENONES AND THEIR USE AS UV-A FILTERS IN COSMETIC PREPARATIONS

• DERIVES ORGANOSILICIQUES D'AMINO-HYDROXYBENZOPHENONES ET LEUR UTILISATION COMME FILTRES UV-A DANS DES PREPARATIONS COSMETIQUES

(71) **ROCHE VITAMINS AG** [CH/CH]; Grenzachstrasse 124, CH-4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERG-SCHULTZ, Katja** [DE/CH]; Auf der Schanz 51, CH-4303 Kaiseraugst (CH). **HUBER, Ulrich** [CH/CH]; Föhrenstrasse 12, CH-8703 Erlenbach (CH).

(74) **TEIPEL, Stephan et al.** / etc.; Lederer & Keller, Prinzregentenstrasse 16, 80538 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 7/42, C07D 277/66
- (11) WO 03/086341 (13) A2
- (21) PCT/EP03/03870
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 02405311.8 17 Apr/avr 2002 EP (17.04.2002)
- (30) 2135/02 16 Dec/déc 2002 CH (16.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AMINOPHENYLBENZOTHAZOLE COMPOUNDS
- COMPOSES D'AMINOPHENYLBENZOTHAZOLE
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGNER, Barbara [DE/DE]; Am Vogelsang 10, 79539 Lörrach (DE). EHLIS, Thomas [DE/DE]; Ferdinand-Weiss-Strasse 30, 79106 Freiburg (DE). MONGIAT, Sébastien [FR/FR]; 9, rue des Fauvettes, F-68510 Sierentz (FR). EICHIN, Kai [DE/DE]; Haagenstrasse 31, 79599 Wittlingen (DE).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 7/48
- (11) WO 03/086342 (13) A1
- (21) PCT/IB03/01308
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 02 04613 12 Apr/avr 2002 FR (12.04.2002)
- (30) 60/374,839 24 Apr/avr 2002 US (24.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COSMETIC, ESP. ANTI-WRINKLE COMPOSITIONS CONTAINING WATER-SOLUBLE OR -DISPERSIBLE LCST POLYMERS
- COMPOSITIONS COSMETIQUES, EN PARTICULIER ANTIRIDES, CONTENANT DES POLYMERES A LCST

- SOLUBLES OU DISPERSIBLES DANS L'EAU
- (71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) L'ALLORET, Florence [FR/FR]; 45, rue Boussingault, F-75013 Paris (FR).
- (74) DU BOISBAUDRY, Dominique; BREVALEX, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 9/00
- (11) WO 03/086343 (13) A2
- (21) PCT/IN03/00141
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 326/MUM/2002 5 Apr/avr 2002 IN (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FAST DISINTEGRATING ORAL DOSAGE FORMS
- FORMES DOSIFIÉES ORALES SE DESINTEGRANT RAPIDEMENT
- (71) CADILA HEALTHCARE LIMITED [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TIWARI, Sandip, B. [IN/IN]; Zydus Towers, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). MEHTA, Pavak, R. [IN/IN]; Zydus Towers, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj and Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A61K 9/00, 9/48, 9/52, 9/54, 9/20, 9/22, 9/24, 9/14
- (11) WO 03/086344 (13) A1
- (21) PCT/US02/40809
- (22) 20 Dec/déc 2002 (20.12.2002)
- (25) en (26) en
- (30) 10/027,366 20 Dec/déc 2001 US (20.12.2001)
- (30) 10/027,837 20 Dec/déc 2001 US (20.12.2001)
- (30) 10/027,609 20 Dec/déc 2001 US (20.12.2001)
- (30) 10/028,590 20 Dec/déc 2001 US (20.12.2001)
- (30) 10/027,866 20 Dec/déc 2001 US (20.12.2001)
- (30) 10/028,595 20 Dec/déc 2001 US (20.12.2001)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANTIBIOTIC PRODUCT, USE AND FORMULATION THEREOF
- PRODUIT ANTIBIOTIQUE, SON UTILISATION ET SA FORMULATION
- (71) ADVANCIS PHARMACEUTICALS CORPORATION [US/US]; 656 Quince Orchard Road, Suite 220, Gaithersburg, MD 20878 (US).
- (72) RUDNIC, Edward, M.; 15103 Gravenstein Way, N. Potomac, MD 20878 (US). ISBITER, James, D.; 9521 Accord Drive, Potomac, MD 20878 (US). TREACY, Donald, J., Jr.; 1335 Farley Court, Arnold, MD 21012 (US). WASSINK, Sandra, E.; 5103 Reels Mill Road, Frederick, MD 21704 (US).
- (74) OLSTEIN, Elliot, M. et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 9/00, 9/70, A61F 2/00, 13/00, B32B 7/12
- (11) WO 03/086345 (13) A1
- (21) PCT/US03/11313
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 10/121,430 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR LOADING A DRUG DELIVERY DEVICE
- PROCEDE DE CHARGEMENT D'UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS

(71) ATRIX LABORATORIES, INC. [US/US]; 2579 Midpoint Drive, Fort Collins, CO 80525-4417 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLL, Richard [US/US]; 2722 Morning Glory Road, Fort Collins, CO 80526 (US). KRAVIG, Kasey [US/US]; 4078 Golf Vista Drive, Loveland, CO 80537 (US). JEFFERS, Scott [US/US]; 2617 Meadowlark Avenue, Fort Collins, CO 80526 (US). OSBORNE, David, W. [US/US]; 2601 Jewelstone Court, Fort Collins, CO 80525 (US). BEAUDOIN, Gerald, A. [US/US]; 3973 Ohio Street, Perry, OH 44081 (US). POSHUSTA, Amy [US/US]; 2701 Calkins Place, Broomfield, CO 80020 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/00, 9/48, 9/20

(11) WO 03/086346 (13) A1

(21) PCT/US03/05667

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 10/119,285 9 Apr/avr 2002 US (09.04.2002)

(30) 10/269,027 10 Oct/oct 2002 US (10.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIPHENHYDRAMINE TANNATE COMPOSITIONS AND METHODS OF USE
• COMPOSITIONS DE DIPHENE HYDRAMINE TANNATE ET PROCÉDES D'UTILISATION

(63) US 10/119,285 (CIP)
Not furnished /
non communiquée
US 10/269,072 (CIP)
Not furnished /
non communiquée

(71) KIEL LABORATORIES, INC. [US/US]; 2225 Centennial Drive, Gainesville, GA 30504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Cherokee Trail, Gainesville, GA 30504 (US). THOMAS, H., Greg [US/US]; 29 Brookside Way, Villa Rica, GA 30180 (US). MANI, Narasimhan [IN/US]; 2460 Spring Road #H-73, Gainesville, GA 30504 (US).

(74) SCHICKLI, Warren, D. et al. / etc.; King & Schickli, PLLC, 247 North Broadway, Lexington, KY 40507 (US).

(81) AU CA US.

(51)⁷ A61K 9/10, 9/72

(11) WO 03/086347 (13) A1

(21) PCT/EP03/03916

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) MI2002A000808 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PREPARATION OF A STERILE SUSPENSION OF CORTICOSTEROID PARTICLES FOR THE ADMINISTRATION BY INHALATION
• PROCÉDE DE PRÉPARATION D'UNE SUSPENSION STÉRILE DE PARTICULES DE CORTICOSTÉROÏDES, DESTINÉE À ÊTRE ADMINISTRÉE PAR INHALATION

(71) CHIESI FARMACEUTICI S.P.A. [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAMBUCO, Barbara [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT). PIR-ROTTA, Daniele [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 9/107, 31/573, A61P 17/00, 29/00

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(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PS 1585 8 Apr/avr 2002 AU (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALLERGIC DERMATITIS FORMULATION AND METHOD OF TREATMENT
• FORMULATION ET MÉTHODE DE TRAITEMENT DE LA DERMATITE ALLERGIQUE

(71) DERM CARE-VET PTY LTD [AU/AU]; 22 Aranda Street, Springwood, QLD 4127 (AU).
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(72, 75) SWAMINATHAN, Kivalur [AU/AU]; 4 Nandina Street, Macgregor, QLD 4109 (AU). MASON, Kenneth, Vincent [AU/AU]; 22 Kana Crescent, Slacks Creek, QLD 4127 (AU).

(74) FISHER ADAMS KELLY; Level 13 AMP Place, 10 Eagle Street, Brisbane, QLD 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/12, 9/70, 31/58, 31/167, 47/10, 47/26

(11) WO 03/086349 (13) A1

(21) PCT/US03/10285

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 0207899.6 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FORMOTEROL AND CICLESONIDE AEROSOL FORMULATIONS
• FORMULATIONS D'AEROSOL DE FORMOTEROL ET DE CICLESONIDE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
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(72, 75) OLIVER, Martin, J. [GB/GB]; 37 St. Leonards Road, Clarendon Park, Leicestershire LE2 1WS (GB). JINKS, Philip, A. [GB/GB]; 41 Highfields Drive, Loughborough, Leicestershire LE11 3JS (GB).

(74) RINGSRED, Ted, K. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/12, 9/70, 31/58, 31/167, 47/10, 47/26, A61P 11/06, A61K 47/18

(11) WO 03/086350 (13) A1

(21) PCT/US03/08710

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0207906.9 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FORMOTEROL AND MOMETASONE AEROSOL FORMULATIONS

• FORMULATIONS D'AEROSOLS A BASE DE FORMOTEROL ET DE MOMETASONE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SLOWEY, Alexander D., [GB/GB]; 61 Kennedy Drive, Stapleford, Nottinghamshire NG9 8HW (GB). BOSWELL, Susannah C., [GB/GB]; 62 Lindisfarne Way, East Hunsbury, Northamptonshire NN4 0WJ (GB). JINKS, Philip A., [GB/GB]; 41 Highfields Drive, Loughborough, Leicestershire LE11 3JS (GB).

(74) RINGSRED, Ted K., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 9/127, 9/133

(11) WO 03/086351 (13) A1

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(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,409 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS AND METHODS FOR DOSING LIPOSOMES OF CERTAIN SIZES TO TREAT OR PREVENT DISEASE

• COMPOSITIONS ET PROCÉDES DE DOSAGE DE LIPOSOMES DE CERTAINES TAILLES POUR TRAITER OU PREVENIR UNE MALADIE

(71) ESPERION LUV DEVELOPMENT, INC. [US/US]; 3621 S. State Street, 695 KMS Place, Ann Arbor, MI 48108 (US).

(72) RODRIGUEZA, Wendi, V.; 2148 Vail Court, Ann Arbor, MI 48108 (US). BIS-GAIER, Charles, L.; 3605 Tanglewood Drive, Ann Arbor, MI 48105 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 149377 8 Apr/avr 2002 IL (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL FORMULATION COMPRISING MELATONIN

• COMPOSITION PHARMACEUTIQUE CONTENANT DE LA MELATONINE

(71) NEURIM PHARMACEUTICALS LTD. (1991) LTD. [IL/IL]; 8 Hanechoset Street, 69710 Tel Aviv (IL).

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(72, 75) ZISAPPEL, Nava [IL/IL]; 23 Kisufim Street, 69355 Tel Aviv (IL).

(74) JEREMY M. BEN-DAVID & CO. LTD.; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/370,460 5 Apr/avr 2002 US (05.04.2002)

(30) 60/442,228 24 Jan/jan 2003 US (24.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUSTAINED RELEASE METOPROLOL FORMULATIONS

• FORMULATIONS DE METOPROLOL A LIBERATION PROLONGEE

(71) PENWEST PHARMACEUTICALS CO. [US/US]; 2981 Route 22, Patterson, NY 12563-9970 (US).

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(72, 75) BAICHWAL, Anand, R. [US/US]; 5 Kendall Drive, Wappingers Falls, NY 12590 (US). WOODCOCK, Paul [GB/US]; 31 Mist Hill Drive, Brookfield, CT 06804 (US). SANGHVI, Pradeepkumar, P. [US/US]; 9 Indian Hill Lane, New Fairfield, CT 06812 (US). DINICOLA, Dean, M. [US/US]; 17 Peach Orchard Rd., Prospect, CT 06712 (US). MCCALL, Troy, W. [US/US]; 8861 Three Chimneys Drive East, Germantown, TN 38138 (US).

(74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, New York, NY 10018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/14, 31/57, A61P 35/00

(11) WO 03/086354 (13) A1

(21) PCT/US03/11277

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/371,680 12 Apr/avr 2002 US (12.04.2002)

(30) 60/430,348 3 Dec/déc 2002 US (03.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NANOPARTICULATE MEGESTROL FORMULATIONS

• PREPARATIONS DE MEGESTROL NANOPARTICULAIRES

(71) ELAN PHARMA INTERNATIONAL Ltd. [US/US]; 3500 Horizon Drive, King of Prussia, PA 19406 (US).

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(72, 75) HOVEY, Douglas [US/US]; 19 North Midland Avenue, Trooper, PA 19403 (US). PRUITT, JOHN [US/US]; 603 Buyers Road, Collegeville, PA 19426 (US). RYDE, Tuula

[US/US]; 54 Lloyd Avenue, Malvern, PA 19355 (US).

(74) **SIMKIN, Michele, M. et al. / etc.**; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 6 Jan/jan 2003 (06.01.2003)

(25) en (26) en

(30) 60/372,465 11 Apr/avr 2002 US (11.04.2002)

(30) 60/404,174 16 Aug/août 2002 US (16.08.2002)

(30) 60/405,668 22 Aug/août 2002 US (22.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL POLYMORPHS AND PSEUDOPOLYMORPHS OF RISEDONATE SODIUM

• NOUVEAUX POLYMORPHES ET PSEUDOPOLYMORPHES DE RISEDONATE DE SODIUM

(71) TEVA PHARMACEUTICAL INDUSTRIES, LTD. [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petach-Tikva (IL).

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(71) TEVA PHARMACEUTICAL USA, INC. [US/US]; 1090 Horsham Road, P.O. Box 1090, Nowrth Wales, PA 19454-1090 (US). (only for / seulement pour BB)

(72, 75) ARONHIME, Judith [IL/IL]; Rehov Harav Maor Iosef 5a, 76217 Rehovot (IL). LIFSHTZ-LIRON, Revital [IL/IL]; 12A Kibbush H'aavoda St., Apt. #8, Herzlia, 46322 (IL). KOVALEVSKI-ISHAI, Eti [IL/IL]; Sokolov Street No. 68, Netanya 42255 (IL). LIDOR-HADAS, Rami [IL/IL]; 19 Mor Street, Kafar-Saba 44242 (IL).

(74) BRAINARD, Charles et al. / etc.; One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 10/119,285 9 Apr/avr 2002 US (09.04.2002)

(30) 10/269,027 10 Oct/oct 2002 US (10.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIPHENHYDRAMINE TANNATE SOLID DOSE COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS DE FORMES DOSIFIÉES SOLIDES DE TANNATE DE DIPHENHYDRAMINE ET PROCÉDES D'UTILISATION ASSOCIÉS

(63) US 10/119,285 (CIP) 9 Apr/avr 2002 (09.04.2002)

US 10/269,027 (CIP) 10 Oct/oct 2002 (10.10.2002)

(71) KIEL LABORATORIES, INC. [US/US]; 2225 Centennial Drive, Gainesville, GA 30504 (US).

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(72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Cherokee Trail, Gainesville, GA 30504 (US). THOMAS, H. Greg. [US/US]; 29 Brookside Way, Villa Rica, GA 30180 (US). MANI, Narasimhan [IN/US]; 2460 Spring Road #H-73, Gainesville, GA 30504 (US).

(74) SCHICKLI, Warren, D. et al. / etc.; King & Schickli PLLC, 247 North Broadway, Lexington, KE 40507 (US).

(81) AU CA US.

(51)⁷ A61K 9/14

(11) WO 03/086357 (13) A1

(21) PCT/US03/05665

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 10/119,285 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIPHENHYDRAMINE TANNATE LIQUID AND SEMI-SOLID COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS LIQUIDES ET SEMI SOLIDES A BASE DE TANNATE DE DIPHENHYDRAMINE ET METHODES D'UTILISATION

(63) US 10/119,285 (CIP) Not furnished / non communiquée

(71) KIEL LABORATORIES, INC [US/US]; 2225 Centennial Drive, Gainesville, GA 30504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Cherokee Trail, Gainesville, GA 30504 (US).

THOMAS, Greg, H. [US/US]; 29 Brookside Way, Villa Rica, GA 30180 (US). MANI, Narasimhan [IN/US]; 2460 Spring Road #H-73, Gainesville, GA 30504 (US).

(74) SCHICKLI, Warren, D. et al. / etc.; King & Schickli PLLC, 247 North Broadway, Lexington, KY 40507 (US).

(81) AU CA US.

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(51)⁷ A61K 9/16

(11) WO 03/086358 (13) A1

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(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXCIPIENT FOR USE IN DRY POWDER INHALATION PREPARATIONS

• EXCIPIENT DESTINE A DES PREPARATIONS D'INHALATION DE POUDRE SECHE

(71) CAMPINA B.V. [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL).

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(72, 75) ELLISON, Mark, Jason, Heath [GB/NL]; Jan Heinstraat 2a, NL-5211 TD 's Hertogenbosch (NL). LAMBREGTS-VAN DEN HURK, Theodora, Antonia, Maria [NL/NL]; Generaal v. Vlijmenstraat 5, NL-5463 CH Veghel (NL).

(74) VAN SOMEREN, Petronella, Francisca, Hendrika, Maria; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/20, 31/353, A61P 1/02

(11) WO 03/086359 (13) A1

(21) PCT/CN03/00264

(22) 14 Apr/avr 2003 (14.04.2003)

(25) zh (26) zh

(30) 02110270.8 17 Apr/avr 2002 CN (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TEA POLYPHENOL BUCCAL TABLET FOR PREVENTING AND TREATING TOOTH DECAY AND ITS PREPARING METHOD

• COMPRIME ORAL A BASE DE POLYPHENOL DE THE PERMETTANT DE PREVENIR ET DE TRAITER LES CARIES DENTAIRES, ET PROCEDE DE PREPARATION ASSOCIE

(71, 72) YU, Jiang [CN/CN]; No. 18 West Ring Road, Jinan, Shandong 250023 (CN).

(72, 75) CHU, Youqiu [CN/CN]; No. 18 West Ring Road, Jinan, Shandong 250023 (CN).

(74) BEIJING BEIXIN-ZHICHENG PATENT AGENT CO., LTD; No.16, Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 9/20

(11) WO 03/086360 (13) A1

(21) PCT/EP03/03910

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 551.3 15 Apr/avr 2002 DE (15.04.2002)

(30) 202 05 854.9 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AGENT FOR PRODUCING A SENSATION OF SATIETY AND FOR WEIGHT LOSS

• AGENT DESTINE A GENERER UNE SENSATION DE SATIETE ET UNE REDUCTION PONDERALE

(71, 72) BEISEL, Günther [DE/DE]; Schloss Laach, 40789 Monheim (DE).

(74) FITZNER, Uwe; Lintorfer Strasse 10, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/20, 31/4178, 31/5513

(11) WO 03/086361 (13) A1

(21) PCT/IB02/01272

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RAPIDLY DISPERSING SOLID ORAL COMPOSITIONS

• COMPOSITIONS ORALES SOLIDES A DISPERSION RAPIDE

(71) DR. REDDY'S LABORATORIES LTD. [IN/IN]; P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN).

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(72, 75) DIVI, Muralikrishna [IN/IN]; Dr. Reddy's Laboratories Ltd., P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN). DESHMUKH, Abhijit, Mukund [IN/IN]; Dr. Reddy's Laboratories Ltd., P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN).

DHANORKAR, Vipin, Tatyasaheb [IN/IN]; Dr. Reddy's Laboratories Ltd., P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN). MOHAN, Mailatur, Sivaraman [IN/IN]; Dr. Reddy's Laboratories Ltd., P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN).

(74) DR. REDDY'S LABORATORIES LTD.; P.O. Box No. 15, Kukatpally, 500 072 Hyderabad (Andhra Pradesh) (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 9/20, 31/137

(11) WO 03/086362 (13) A2

(21) PCT/IB03/01416

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 459/DEL/2002 15 Apr/avr 2002 IN (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A NOVEL METHOD OF STABILIZING BUPROPION HYDROCHLORIDE TABLETS

• COMPRIMES D'HYDROCHLORURE DE BUPROPION STABLES

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi, Delhi (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAWLA, Manish [IN/IN]; 106, Lal Jyoti Apartments, Sector -9, Plot 16, 110085 Rohini, Delhi (IN). RAGHUVANSHI, Rajeev, Singh [IN/IN]; Flat No. 8131, Block: D-8, Vasant Kunj, 110070 New Delhi, Delhi (IN). RAMPAL, Ashok [IN/IN]; 14, Sewa Nagar, Ram Tirath Road, 143001 Amritsar, Punjab (IN).

(74) RANBAXY LABORATORIES LIMITED; DESHMUKH, Jayadeep R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/20, 9/14, 9/16, 9/48

(11) WO 03/086363 (13) A1

(21) PCT/US03/10805

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,218 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRUG-COMPLEX MICROPARTICLES AND METHODS OF MAKING/USING SAME

• MICROPARTICULES COMPLEXE-MEDICAMENT ET PROCEDES ET UTILISATIONS CORRESPONDANTS

(71) LAVIPHARM LABORATORIES INC. [US/US]; 69 Princeton-Hightstown Road, East Windsor, NJ 08520 (US).

(72) CHEN, Li-Lan, H.; 3906 Victoria Court, Edison, NJ 08817 (US). LIANG, Alfred; 25 Park Gate Drive, Edison, NJ 08820 (US). ZHENG, Xu; 5 Koster Boulevard, Apartment #2B, Edison, NJ 08837 (US).

(74) DEIBERT, Thomas, S.; Dechert LLP, P.O. Box 5218, Princeton, NJ 08543 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/20

(11) WO 03/086364 (13) A1

(21) PCT/US03/09210

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,501 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUSTAINED RELEASE PHARMACEUTICAL PREPARATIONS AND METHODS FOR PRODUCING THE SAME

- PREPARATIONS PHARMACEUTIQUES A LIBERATION SOUTENUE ET PROCEDES DE PRODUCTION DE CES PREPARATIONS
- (71) **PLIVA, INC.** [US/US]; 72 Eagle Rock Avenue, PO Box 371, East Hanover, NJ 07936 (US).
- (72) **KUMBHANI, Davejibhai**; 320 Marcella Road, Parsippany, NJ 07054 (US). **PANDYA, Harish, B.**; 59 Crestwood Street, Piscataway, NJ 08854 (US). **PATEL, Hiren**; 91 Rutgers Lane, Parsippany, NJ 07054 (US).
- (74) **GREENBLUM, Neil, F. et al.** / etc.; Greenblum & Bernstein, P.L.C., 1950 Roland Clarke Place, Reston, VA 20191 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 9/22, 31/485**
- (11) **WO 03/086365** (13) A1
- (21) PCT/SK03/00008
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) PP 0501-2002 **12 Apr/avr 2002 (12.04.2002)** SK
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANALGESICAL ORAL COMPOSITION WITH CONTROLLED RELEASE OF AN OPIOID
- COMPOSITION ORALE ANALGESIQUE AVEC LIBERATION CONTROLLEE D'UN OPIOIDE
- (71) **SLOVAKOFARMA A.S.** [SK/SK]; Nitrianska 100, 920 27 Hlohovec (SK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAZUS, Luboslav** [SK/SK]; Kopernikova 48, 920 01 Hlohovec (SK). **GATTNAR, Ondrej** [SK/SK]; Jeseniova 10424/2A, 841 02 Bratislava (SK). **VARGA, Ivan** [SK/SK]; Veterná 12, 920 01 Hlohovec (SK). **LEHOCKY, Mikulas** [SK/SK]; Zeleznica 16, 920 01 Hlohovec (SK). **KORMANOVA, Viera** [SK/SK]; Nitrianska 33, 920 01 Hlohovec (SK). **HUBINOVA, Viera** [SK/SK]; SNP c. 21/E, 920 01 Hlohovec (SK).
- (74) **NEUSCHL, Jozef**; Rott, Ruzicka & Guttmann, Patentová, známková a právna kancelária, v.o.s., Pionierska 15, 831 02 Bratislava (SK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **A61K 9/24, 9/32, 9/36, 31/65**

(11) **WO 03/086366** (13) A1

(21) PCT/AU03/00434

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) PS 1676 **12 Apr/avr 2002 (12.04.2002)** AU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN IMPROVED MODIFIED RELEASE PREPARATION

• PREPARATION A LIBERATION MODIFIEE AMELIOREE

(71) **F H FAULDING & CO LIMITED** [AU/AU]; Level 21, 390 St Kilda Road, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYES, David** [AU/AU]; 71 Maple Avenue, Rostrevor, South Australia 5073 (AU). **LEPORE, Angelo** [AU/AU]; 8 Ferris Street, Magill, South Australia 5072 (AU). **LUKAS, Stefan** [AU/AU]; 20 Romilly Avenue, Manningham, South Australia 5086 (AU). **QUINN, Eugene, Anthony** [AU/AU]; 10 Koonga Avenue, Prospect, South Australia 5082 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 9/36, 9/48**

(11) **WO 03/086367** (13) A1

(21) PCT/US03/10371

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 60/370,674 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW DOSE LIQUID ENTECAVIR FORMULATIONS AND USE

• FORMULATIONS LIQUIDES CONTENANT UNE FAIBLE DOSE D'ENTECAVIR ET LEUR UTILISATION

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESAI, Divyakant** [US/US]; 19 Greenfield Dr., North, West Windsor, NJ 08550 (US). **LI, Daping** [US/US]; 10 Bearsley Dr., East Brunswick, NJ 08816 (US).

(74) **DAVIS, Stephen, B. et al.** / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 9/48**

(11) **WO 03/086368** (13) A1

(21) PCT/FR03/01195

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) fr (26) fr

(30) 02/04697 **15 Apr/avr 2002 (15.04.2002)** FR

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID COMPOSITIONS FOR SOFT SUSTAINED-RELEASE CAPSULES AND METHOD FOR PRODUCTION THEREOF

• COMPOSITIONS LIQUIDES POUR CAPSULES MOLLES A LIBERATION PROLONGEE ET LEUR PROCEDE DE FABRICATION

(71, 72) **PARIS, Laurence** [FR/FR]; 24, rue du Progrès, F-03600 Commentry (FR).

(74) **DELHAYE, Guy**; Rue du Centre, B.P. 30, F-81370 Saint Sulpice (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61K 9/51

(11) WO 03/086369 (13) A2

(21) PCT/CA03/00499

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,838 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • STEALTHY POLYMERIC
BIODEGRADABLE NANOSPHERES
AND USES THEREOF

- NANOSPHERES BIODEGRADABLES
POLYMERIQUES DISCRETES ET
LEURS UTILISATIONS

- (71) UNIVERSITE DE MONTREAL
[CA/CA]; 2900 blvd. Edouard Montpetit,
Montréal, Québec H3T 1J4 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) HILDGEN, Patrice [CA/CA]; 779
Montée Gravel, Montréal, Québec H7X
2A9 (CA). PANOYAN, Avedis [CA/CA];
524-83rd Avenue, Chomedey, Laval,
Québec H7W 2W1 (CA). LACASSE,
François-Xavier [CA/CA]; 79 Des Cyprès,
Ste-Anne-des-Lacs, Québec J0R 1B0 (CA).
QUESNEL, Richard [CA/CA]; 5320 St-Domi-
nique, app. 8, Montréal, Québec H2T 1V4
(CA). RIZKALLA, Névine [CA/CA]; 1000
rue Lawlor, app. 506, St-Laurent, Québec
H4N 1R2 (CA).

- (74) ORLHAC, Thierry; Robic, 55 St-Jacques,
Montréal, Québec H2Y 3X2 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC

VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
designations

(51)⁷ A61K 9/70, 31/216

(11) WO 03/086370 (13) A1

(21) PCT/IB03/01459

(22) 15 Apr/avr 2003 (15.04.2003)

(25) it (26) en

(30) MI2002A000798 15 Apr/avr 2002 IT
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • TRANSDERMAL PATCHES HAVING
A SILICONIC ADHESIVE MATRIX
STABILIZED WITH METHACRYLIC
COPOLYMERS

- TIMBRES TRANSDERMiques COM-
PRENANT UNE MATRICE SILICONE
ADHESIVE STABILISEE AVEC DES
POLYMERES METHACRYLIQUES

- (71) F.T. HOLDING S.A. [LU/LU]; 207, route
d'Arlon, L-1150 Luxembourg (LU).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) CILURZO, Francesco [IT/IT]; Viale
Pasubio, 6, I-20154 Milano (IT). TOSI, Leila
[IT/IT]; Via C. Farini, 56, I-20159 Milano
(IT).

- (74) GERVASI, Gemma; Notarbartolo & Gervasi
S.p.a., Corso di Porta Vittoria, 9, I-20122 Mi-
lan (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ A61K 31/00, 31/42, 31/426, A61P 9/00,
37/06, A61K 31/4178, 31/421, A61P 1/16,
25/28, G01N 33/80, A61K 31/437, 31/422,
A61P 7/02, 25/00

(11) WO 03/086371 (13) A2

(21) PCT/IB03/01310

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/372,364 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • USE OF EP4 RECEPTOR LIGANDS IN
THE TREATMENT OF IL-6 INVOLVED
DISEASES

- UTILISATION DE LIGANDS DU RE-
CEPTEUR EP4 DANS LE TRAITE-
MENT DE MALADIES IMPLIQUANT
IL-6

- (71) PFIZER PHARMACEUTICALS INC.
[JP/JP]; Mitsui Building, 1-1, Nishi-shinjuku
2-chome, Shinjuku-ku, Tokyo 163-0461 (JP).
(only for / seulement pour JP)

- (71) PFIZER INC. [US/US]; 235 East 42nd
Street, New York, NY 10017 (US).
(for all designated States except / pour tous
les États désignés sauf JP US)

- (72, 75) SHIMOJO, Masato [JP/JP]; Pfizer
Global Research and Development, Nagoya
Laboratoires Pfizer Inc., 5-2 Taketoyo,
Aichi 470-2393 (JP). TANIGUCHI, Kana
[JP/JP]; Pfizer Global Research & Develop-
ment, Nagoya Laboratories Pfizer Inc., 5-2
Takeoyo, Aichi 470-2393 (JP).

- (74) LUMB, J., Trevor et al. / etc.; Pfizer Inc.,
201 Tabor Road, Morris Plains, NJ 07950
(US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 31/00

(11) WO 03/086372 (13) A2

(21) PCT/US03/10994

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,666 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHODS OF TREATING MEDICA-
TION-, SUBSTANCE-, DISEASE-, AND
OTHER MEDICAL CONDITION-RE-
LATED SEXUAL DYSFUNCTION

- METHODES DE TRAITEMENT DE
DYSFONCTIONNEMENTS SEXUELS
CAUSES PAR DES MEDICAMENTS,
DES SUBSTANCES, DES MALADIES
ET D'AUTRES TROUBLES MEDI-
CAUX

- (71) UNIVERSITY OF FLORIDA [US/US];
223 Grinter Hall, Gainesville, FL 32611-5500
(US).

- (71, 72) SHAPIRA, Nathan, Andrew [US/US];
9520 SW 38th Lane, Gainesville, FL 32608
(US).
(for all designated States except / pour tous
les États désignés sauf US)

- (74) EISENSCHENK, Frank, C. et al. / etc.;
Saliwanchik, Lloyd & Saliwanchik, 2421
N.W. 41st Street, Suite A-1, Gainesville, FL
32606-6669 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 31/00, A01N 37/18, 61/00, C07K
1/00, 2/00, 5/00, 5/00, 7/00, 14/00, 16/00,
17/00

(11) WO 03/086373 (13) A1

(21) PCT/US03/11578

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,127 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR IDENTIFICATION
OF MODULATORS OF ANGIO-
GENESIS, COMPOUNDS DISCOV-
ERED THEREBY, AND METHODS
OF TREATMENT USING THE COM-
POUNDS

• TECHNIQUES D'IDENTIFICATION DE
MODULATEURS D'ANGIOGENESE,
COMPOSES DECOUVERTS PAR CES
TECHNIQUES ET TECHNIQUES DE
TRAITEMENT UTILISANT CES COM-
POSES

(71) CELGENE CORPORATION [US/US]; 7
Powder Horn Drive, Warren, NJ 07059 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HARIRI, Robert, J. [US/US]; 5 Her-
itage Road, Florham Park, NJ 07932 (US).
PAYVANDI, Faribourz [US/US]; 30 Labow
Way, Belle Mead, NJ 08502 (US). WU,
Lei [CN/US]; 55 Huntley Way, Bridgewa-
ter, NJ 08807 (US). STIRLING, David, I.
[GB/US]; 3281 Round Hill Road, Branch-
burg, NJ 08876 (US). YE, Qian [US/US]; 10
Mount Haven Drive, Livingston, NJ 07039
(US).

(74) INSOGNA, Anthony, M. et al. / etc.; Pennic
& Edmonds LLP, 1155 Avenue of the Ameri-
cas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 31/07

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(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/369,849 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REGULATION OF A NOVEL COLON
SPECIFIC RETINOL DEHYDROGE-
NASE BY APC AND CDX2

• REGULATION D'UNE NOUVELLE
DESHYDROGENASE DE RETINOL SPE-
CIFIQUE AU COLON PAR L'APC ET
CDX2

(71) UNIVERSITY OF UTAH RESEARCH
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(US).

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les États désignés sauf US)*

(72, 75) JETTE, Cicely, A. [US/US]; 788 E.
Emerson Avenue, Salt Lake City, UT 84105
(US). PETERSON, Peter, W. [US/US]; 535
E. Street, Salt Lake City, UT 84103 (US).
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Avenue, Salt Lake City, UT 84108 (US).

(74) BOOTH, PAUL M / YODER, STEPHEN,
S. et al. / etc.; HELLER EHRMAN WHITE
& MCAULIFFE LLP, 1666 K Street, N.W.,
Suite 300, Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/122, 7/48

(11) WO 03/086375 (13) A1

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(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 02076277.9 28 Mar/mar 2002 EP
(28.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DELIVERY SYSTEMS FOR BIOLOGI-
CALLY ACTIVE AGENTS

• SYSTEMES D'ADMINISTRATION
D'AGENTS BIOLOGIQUEMENT AC-
TIFS

(71) VITAK BV [NL/NL]; P.O. Box 616,
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les États désignés sauf US)*

(72, 75) VERMEER, Cees [NL/NL]; Vitak BV,
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(74) HUYGENS, Arthur, Victor; Octrooibureau
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stein (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 31/137, 47/10, 47/14, 9/70, A61P
9/02

(11) WO 03/086376 (13) A1

(21) PCT/JP03/04606

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110609 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PATCH AND PROCESS FOR PRODUC-
ING THE SAME

• TIMBRE TRANSDERMIQUE ET PRO-
CEDE DE PRODUCTION ASSOCIE

(71) NITTO DENKO CORPORATION
[JP/JP]; 1-2, Shimohozumi 1-chome,
Ibaraki-shi, Osaka 567-8680 (JP). MEIJI
DAIRIES CORPORATION [JP/JP]; 2-10,
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(72, 75) HORI, Mitsuhiko [JP/JP]; c/o Nitto
Denko Corporation, 1-2, Shimohozumi
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Denko Corporation, 1-2, Shimohozumi
1-chome, Ibaraki-shi, Osaka 567-8680 (JP).
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Denko Corporation, 1-2, Shimohozumi
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Tokyo 136-8908 (JP). OHTSUKA, Masaru
[JP/JP]; c/o Pharmaceuticals Department,
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Odawara-shi, Kanagawa 250-0862 (JP).
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ticals Department, Meiji Dairies Corpora-
tion, 540, Naruda, Odawara-shi, Kanagawa
250-0862 (JP). KAWASHIMA, Akihiro
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- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 31/18, 31/22, 31/255, 31/341, 31/36, 31/407, 31/4184, 45/00, 31/166, 31/167, A61P 35/00, 43/00, C07D 235/14, 307/52, 317/58**
- (11) **WO 03/086377** (13) A1
- (21) PCT/JP03/04986
- (22) **18 Apr/avr 2003 (18.04.2003)**
- (25) ja (26) ja
- (30) 2002-115629 **18 Apr/avr 2002 (18.04.2002)** JP
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AMIDE DERIVATIVES
• DERIVES AMIDE
- (71) **INSTITUTE OF MEDICINAL MOLECULAR DESIGN. INC.** [JP/JP]; 4th Floor, Kadokawa-hongo Bldg., 24-5, Hongo 5-chome, Bunkyo-ku, Tokyo 113-0033 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MUTO, Susumu** [JP/JP]; B202, Meipuru copo, 1-6-7, Midori-cho, Koganei-shi, Tokyo 184-0003 (JP). **ITAI, Akiko** [JP/JP]; 5-16-6, Hongo, Bunkyo-ku, Tokyo 113-0031 (JP).
- (74) **SIKS & CO.**; Kyobashi-Nisshoku Bldg., 8th Floor, 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/21, 31/225**
- (11) **WO 03/086379** (13) A1
- (21) PCT/US03/11478
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (30) 60/372,565 **12 Apr/avr 2002 (12.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TREATMENT OF NEURAL INJURY AND NEURODEGENERATIVE DISEASE WITH STATINS
• TRAITEMENT DE LÉSIONS NEURONALES ET DE MALADIES NEURODÉGENERATIVES PAR DES STATINES
- (71) **HENRY FORD HEALTH SYSTEM** [US/US]; Office of Corporate Legal Affairs, 1 Ford Place, 4B, Detroit, MI 48202-3450 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHOPP, Michael** [US/US]; 28415 Brooks Lane, Southfield, MI 48034 (US).
- (30) 2002-358396 **10 Dec/déc 2002 (10.12.2002)** JP
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PREVENTIVE OR THERAPEUTIC COMPOSITION FOR COLITIS AND LARGE BOWEL CANCER
• COMPOSITION PROPHYLACTIQUE OU THERAPEUTIQUE POUR LA COLITE ET LE CANCER DU GROS INTESTIN
- (71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KOYAMA, Hironari** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **SUGINO, Tatsuya** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **OKADA, Masaaki** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **USHIDA, Kazunari** [JP/JP]; 7-23, Kayandonishimachi, Nishinomiya-shi, Hyogo 662-0098 (JP).
- (74) **NOGAWA, Shintaro**; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/22, 31/365, 31/40, 31/404, A61P 19/02, 37/00**
- (11) **WO 03/086380** (13) A1
- (21) PCT/JP03/04603
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 60/372,114 **15 Apr/avr 2002 (15.04.2002)** US
- (30) 10/196,428 **17 Jul/juil 2002 (17.07.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PTX3 GENE EXPRESSION SUPPRESSING METHOD
• PROCEDE DE SUPPRESSION DE L'EXPRESSION DE GENE PTX3
- (71) **KOWA CO., LTD.** [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 460-8625 (JP). **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, KANDA-NISHIKI-CHO 3-CHOME, CHIYODA-KU, Tokyo 101-0054 (JP).
- (72) **MORIKAWA, Shigeru**; 3-42-12-504, TAKADA, TOSHIMA-KU, Tokyo 171-0033 (JP). **IZUMI, Akashi**; 6-8-4-305, TSURUKAWA, MACHIDA-SHI, Tokyo 195-0061 (JP). **HAMAKUBO, Takao**; 3-6-27, IWADOMINAMI, KOMAE-SHI, Tokyo 201-0005 (JP). **KODAMA, Tatsuhiko**; 4-16-5, SHIMOUMA, SETAGAYA-KU, Tokyo 154-0002 (JP).
- (74) **THE PATENT CORPORATE BODY ARUGA PATENT OFFICE**; KYODO BLDG., 3-6, NIHONBASHINGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/191, 31/366, A61P 1/00, 35/00**
- (11) **WO 03/086378** (13) A1
- (21) PCT/JP03/04876
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) ja (26) ja
- (30) 2002-116348 **18 Apr/avr 2002 (18.04.2002)** JP

- (51) **A61K 31/33**
 (11) **WO 03/086381** (13) A1
 (21) PCT/US03/10533
 (22) **4 Apr/avr 2003 (04.04.2003)**
 (25) en (26) en
 (30) 60/371,668 **10 Apr/avr 2002** US
(10.04.2002)
 (43) 23 Oct/oct 2003 (23.10.2003)
 (54) • ANSAMYCIN FORMULATIONS AND METHODS FOR PRODUCING AND USING SAME
 • FORMULATIONS D'ANSAMYCINE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CELLES-CI
 (71) **CONFORMA THERAPEUTICS CORPORATION** [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ULM, Edgar** [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US). **CHEN, Andrew** [US/US]; 8810 Rehco Road, Suite F, San Diego, CA 92121-3262 (US). **BOEHM, Marcus** [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US).
 (74) **KREUSSER, Edward**; Biotechnology Law Group, 658 Marsolan Ave., Solana Beach, CA 92075-1931 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/336, 38/04, 9/00**
 (11) **WO 03/086382** (13) A1
 (21) PCT/US03/10976
 (22) **10 Apr/avr 2003 (10.04.2003)**
 (25) en (26) en
 (30) 60/371,791 **11 Apr/avr 2002** US
(11.04.2002)
 (30) 60/414,705 **30 Sep/sep 2002** US
(30.09.2002)
 (43) 23 Oct/oct 2003 (23.10.2003)
 (54) • TNP-470 POLYMER CONJUGATES AND USE THEREOF
 • CONJUGUES DE POLYMERES TNP-470 ET UTILISATION DE CEUX-CI
 (71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SATCHI-FAINARO, Ronit** [IL/US]; 129 Sherman Road, Chestnut Hill, MA

- 02467 (US). **FOLKMAN, Judah** [US/US]; 18 Chatham Circle, Brookline, MA 02115 (US).
 (74) **RESNICK, David, S. et al.** / etc.; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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-
- (51)⁷ **A61K 31/337, 31/475, A61P 35/00**
 (11) **WO 03/086383** (13) A1
 (21) PCT/EP03/03785
 (22) **11 Apr/avr 2003 (11.04.2003)**
 (25) en (26) en
 (30) 02 00 8158.4 **12 Apr/avr 2002** EP
(12.04.2002)
 (43) 23 Oct/oct 2003 (23.10.2003)
 (54) • NON-TOXIC AMOUNTS OF PROTEIN-AGGREGATING SUBSTANCES STIMULATE HSP70 EXPRESSION AND FUNCTION AS ANTI-TUMOR AGENTS
 • QUANTITES NON TOXIQUES DE SUBSTANCES ENTRAINANT L'AGREGATION DES PROTEINES DESTINEES A STIMULER L'EXPRESSION DE HSP70 ET A AGIR COMME AGENTS ANTITUMORAUX
 (71, 72) **MULTHOFF, Gabriele** [DE/DE]; Kirchenstrasse 17c, 81675 München (DE).
 (74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81765 Munich (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(71, 72) **MULTHOFF, Gabriele** [DE/DE]; Kirchenstrasse 17c, 81675 München (DE).

(74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81765 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61K 31/341, 31/215, C07F 9/117**

(11) **WO 03/086384** (13) A1

(21) PCT/JP03/04659

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 2002-110341 **12 Apr/avr 2002** JP
(12.04.2002)

(30) 60/373,609 **19 Apr/avr 2002** US
(19.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STABILIZED ASCORBIC ACID DERIVATIVES

• DERIVES DE L'ACIDE ASCORBIQUE STABILISES

(71) **SHOWA DENKO K. K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

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(72, 75) **NISHIMURA, Norihito** [JP/JP]; C/O KAWASAKI PLANT, SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **ISHII, Hiroshi** [JP/JP]; C/O KAWASAKI PLANT, SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **SAITO, Makoto** [JP/JP]; C/O KAWASAKI PLANT, SHOWA DENKO K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP).

(74) **ISHIDA, Takashi et al.** / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/341, 31/40, 31/42, 31/433, 31/415, 31/4192, 31/4439, 31/404, 31/4709, 31/4427, 31/4196, 31/4162, 31/497, 31/427, C07D 307/32, 207/26, 207/12, 413/06, 417/06, 403/12, 403/06, 407/06, 409/06, 401/06, 237/22**

(11) **WO 03/086385** (13) A1

(21) PCT/US03/09893

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) en (26) en

(30) 60/371,524 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DERIVATIVES OF 1-(OXOAMINOACETYL) PENTYL-CARBAMATE AS CATHEPSIN K INHIBITORS FOR THE TREATMENT OF BONE LOSS

• DERIVES DE 1-(OXOAMINOACETYL) PENTYL-CARBAMATE UTILISES EN TANT QU'INHIBITEURS DE LA CATHEPSINE DANS LE TRAITEMENT DE LA PERTE OSSEUSE

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US).

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(72, 75) **BARRETT, David, Gene** [US/DE]; Elsa-Brandstrom-Stieg 2, 22846 Norderstedt (DE). **CATALANO, John, G.** [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **DEATON, David, Norman** [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **MILLER, Aaron, Bayne** [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **RAY, John, A** [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **SAMANO, Vicente** [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(74) **LEVY, David, J.** et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property Dept, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61K 31/35, A61P 35/00, 9/00, 19/00**

(11) **WO 03/086386** (13) A1

(21) PCT/AU03/00427

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) **PS 1594** **9 Apr/avr 2002** AU (09.04.2002)

(30) **2002950294** **19 Jul/juil 2002** AU (19.07.2002)

(30) **2002951607** **24 Sep/sep 2002** AU (24.09.2002)

(30) **2002953453** **20 Dec/déc 2002** AU (20.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERAPEUTIC METHODS AND COMPOSITIONS INVOLVING ISOFLAV-3-ENE AND ISOFLAVAN STRUCTURES

• PROCÉDES THÉRAPEUTIQUES ET COMPOSITIONS ASSOCIÉES CONTENANT DES STRUCTURES ISOFLAV-3-ENE ET ISOFLAVAN

(71) **NOVOGEN RESEARCH PTY LTD** [AU/AU]; 140 Wicks Road, North Ryde, New South Wales 2113 (AU).

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(72, 75) **KELLY, Graham, Edmund** [AU/AU]; 1, 47 Coolawin Road, Northbridge, New

South Wales 2063 (AU). **HUSBAND, Alan, James** [AU/AU]; 13 Marana Crescent, Northbridge, New South Wales 2063 (AU).

(74) **STEARNE, Peter, Andrew** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/366, 9/20**

(11) **WO 03/086387** (13) A1

(21) PCT/CA03/00479

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) **2,379,887** **9 Apr/avr 2002** CA (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STABLE TABLETS COMPRISING SIMVASTATIN

• COMPRIMES STABLES CONTENANT DE LA SIMVASTATINE

(71, 72) **SHERMAN, Bernard, Charles** [CA/CA]; 50 Old Colony Road, Toronto, Ontario M2L 2K1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/395, 31/55, 31/445, 31/40, C07D 205/00, 213/02, 405/00, 409/00, 411/00, A61P 5/00**

(11) **WO 03/086388** (13) A1

(21) PCT/US02/33258

(22) **11 Oct/oct 2002 (11.10.2002)**

(25) en (26) en

(30) **10/120,723** **11 Apr/avr 2002** US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ESTROGEN RECEPTOR MODULATORS

• MODULATEURS DU RECEPTEUR D'OESTROGENES

(63) US 10/120,723 (CON)
11 Apr/avr 2002 (11.04.2002)

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) **DININNO, Frank, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WU, Jane, Y.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **KIM, Seongkon** [KR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **CHEN, Helen, Y.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/409, A61P 17/02, 31/04**

(11) **WO 03/086389** (13) A1

(21) PCT/NL03/00270

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) nl (26) en

(30) **1020336** **9 Apr/avr 2002** NL (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF A PHOTOSENSITISING COMPOUND FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION FOR TREATING OF BURNS, AND A METHOD OF TREATING BURNS

• UTILISATION D'UN COMPOSE PHOTOSENSIBLE POUR LA PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE DESTINEE A TRAITER LES BRULURES, ET METHODE DE TRAITEMENT DE BRULURES

(71) **PHOTOBIOCHEM LEIDEN NV** [NL/NL]; Wassenaarseweg 72, NL-2333 AL Leiden (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAGERBERG, Johannes, Wilhelmus, Maria** [NL/NL]; Damloperwerf 8, NL-2317 DV Leiden (NL). **SCHUITMAKER, Johannes, Joseph** [NL/NL]; Stokroos 50, NL-2317 ER Leiden (NL). **DUBBELMAN, Thomas, Marinus, Albert, Remko** [NL/NL]; Trasmolen 7, NL-2406 JJ Alphen a/d Rijn (NL). **LAMBRECHTS, Saskia, Anna, Geertruida** [NL/NL]; Holendrechtstraat 47 II, NL-1078 TR Amsterdam (NL). **LANGEVELD-KLERKS, Adriana, Hendrika** [NL/NL]; Mandenvlechter 72, NL-2401 JS Alphen a/d Rijn (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus** et al.; Octrooibureau Los En

Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/4164, 31/4168, 31/4184, 31/427, 31/4439, C07D 233/54, 233/88, 235/08, 401/04, 401/12, 417/04, A61P 29/00

(11) WO 03/086390 (13) A1

(21) PCT/IB03/01275

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/372,346 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMIDAZOLE COMPOUNDS AS ANTI-INFLAMMATORY AND ANALGESIC AGENTS

• COMPOSES IMIDAZOLE SERVANT D'AGENTS ANTI-INFLAMMATOIRES ET ANALGESIQUES

(71) PFIZER PHARMACEUTICALS INC. [JP/JP]; Mitsui Building, 1-1, Nishi Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0461 (JP). (only for / seulement pour JP)

(71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf JP US)

(72, 75) HIRANO, Misato [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). IGUCHI, Satoru [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). NAKAO, Kazunari [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). YAMAGISHI, Tatsuya [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/42, 31/275, A61P 37/06

(11) WO 03/086391 (13) A1

(21) PCT/JP03/04722

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372419 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEW USE

• MEDICAMENT DESTINE A PREVENIR ET/OU A TRAITER LE REJET CHRONIQUE

(71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-Shi, Osaka 541-8514 (JP).

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(72, 75) KOBAYASHI, Masakazu [JP/US]; 1800 Dewes Court #310, Glenview, IL 60025 (US). JIANG, Hongsi [CN/US]; 2630 Old Glenview Road, Wilmette, IL 60091 (US). PAN, Fan [CN/US]; 211 Valley View Dr., Wilmette, IL 60091 (US). ERICKSON, Laurie [US/US]; 2506 W. Morse Avenue, Chicago, IL 60645 (US). EBBS, Aaron [US/US]; 113 Caraway Rd., Apt. 2C, Reisterstown, MD 21136 (US). WYNN, Carmen [US/US]; 1918 W. Morse Avenue, #1-N, Chicago, IL 60626 (US).

(74) TABUSHI, Eiji; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/42, 9/107, 9/48, 31/02

(11) WO 03/086392 (13) A2

(21) PCT/US03/10526

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/371,200 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PREPARING A FINELY SELF-EMULSIFIABLE PHARMACEUTICAL COMPOSITION

• PROCEDE POUR PREPARER UNE COMPOSITION PHARMACEUTIQUE FINEMENT AUTO-EMULSIFIABLE

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 575 Maryville

Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63141 (US).

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(72, 75) GAO, Ping [US/US]; 7191 Crown Point Circle, Portage, MI 49024 (US). HE, Xiaorong [US/US]; 10117 New Castle Court, Kalamazoo, MI 49002 (US). BOLYARD, Keith, B. [US/US]; 195 19th Street, Otsego, MI 49078 (US).

(74) FORBES, James, C.; Pharmacia Corporation, 575 Maryville Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/435, 31/4985, 31/495, C07D 221/04, 295/15, 487/04

(11) WO 03/086393 (13) A1

(21) PCT/US03/09399

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/372,325 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • 3-AZA- AND 1,4-DIAZA-BICYCLO[4.3.0]NONANES, AND METHODS OF USE THEREOF

• 3-AZA- ET 1,4-DIAZA-BICYCLO[4.3.0]NONANES ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) SEPRACOR, INC. [US/US]; 84 Waterford Drive, Marlborough, MA 01752-7010 (US).

(72) HAUSKE, James, R.; 41 Lowell Road, Concord, MA 01742-1707 (US). HOLAND, Joanne, M.; 126 Harvard Street, Apt. 3, Brookline, MA 02446-6438 (US). RADEKE, Heiki; 15 Seaver Farm LN, South Grafton, MA 01560-1222 (US).

(74) GORDON, Dana, M. et al. / etc.; Foley, Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/4375, 31/4709, 31/4985, 31/52, C07D 401/14, 403/10, 403/14, 417/14, 473/32

(11) WO 03/086394 (13) A1

(21) PCT/US03/10442

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,847 8 Apr/avr 2002 US (08.04.2002)

(30) 60/417,174 9 Oct/oct 2002 US (09.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHIBITORS OF AKT ACTIVITY
• INHIBITEURS DE L'ACTIVITE AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
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(72, 75) BILODEAU, Mark, T. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DUGGAN, Mark, E. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HARTNETT, John, C. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). LINDSLEY, Craig, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 0706-0907 (US). MANLEY, Peter, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WU, Zhicai [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ZHAO, Zhijian [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/439, C07D 221/22, A61P 35/00

(11) WO 03/086395 (13) A1

(21) PCT/US03/10737

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,644 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TYROSINE KINASE INHIBITORS
• INHIBITEURS DE TYROSINES KINASES

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
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(72, 75) KIM, Annette [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). STUMP, Craig, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DINSMORE, Christopher, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). GRAHAM, Samuel, L. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WILLIAMS, Theresa, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NGUYEN, Diem, N. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). TROTTER, B. Wesley [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/4406, 31/443, 31/44, 31/4402, 31/4409, A61P 1/04, 11/06, 11/08, 17/00, 19/02, 25/18, 25/24, 27/02, 27/16, 29/00, 31/04, 37/08, 43/00, 17/04 // C07D 213/56, 213/57, 213/59, 405/12, 213/61, 213/80, 213/65

(11) WO 03/086396 (13) A1

(21) PCT/JP03/04227

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-99491 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHOSPHODIESTERASE IV INHIBITOR CONTAINING PYRIDYLACRYLAMIDE DERIVATIVE
• INHIBITEUR DE PHOSPHODIESTERASE IV CONTENANT UN DERIVE DE PYRIDYLACRYLAMIDE

(71) TSUMURA & CO. [JP/JP]; 4-10, Nihombashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Tomohisa [JP/JP]; c/o Tsumura & Co., 3586, Yoshiwara, Ami-machi, Inashiki-gun, Ibaraki 300-1192 (JP). SASAKI, Toshinobu [JP/JP]; c/o Tsumura & Co., 3586, Yoshiwara, Ami-machi, Inashiki-gun, Ibaraki 300-1192 (JP). HASEGAWA, Yoshihiro [JP/JP]; c/o Tsumura & Co., 3586, Yoshiwara, Ami-machi, Inashiki-gun, Ibaraki 300-1192 (JP). OBATA, Tatsuhiko [JP/JP]; c/o Tsumura & Co., 3586, Yoshiwara, Ami-machi, Inashiki-gun, Ibaraki 300-1192 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/4545, 31/4468, A61P 35/00, C07D 401/14, 401/06, 405/14, 401/12

(11) WO 03/086397 (13) A1

(21) PCT/JP03/04602

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,675 12 Apr/avr 2002 US (12.04.2002)

(30) 60/412,571 23 Sep/sep 2002 US (23.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICINE FOR TREATING CANCER
• MEDICAMENT DE TRAITEMENT DU CANCER

(71) KOWA CO., LTD. [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 460-8625 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATAKI, Chikage [JP/JP]; 133-12, HEIRAKU, MINAMI-KU, YOKOHAMA-SHI, Kanagawa 232-0035 (JP). KODAMA, Tatsuhiko [JP/JP]; 16-5, SHIMOUMA 4-CHOME, SETAGAYA-KU, Tokyo 154-0002 (JP). DOI, Takeshi [JP/JP]; 17-43-36, NOGUCHICHO 2-CHOME, HIGASHIMURAYAMA-SHI, Tokyo 189-0022 (JP). TAMURA, Masahiro [JP/JP]; 1601-11-1304, OGAWA, MACHIDA-SHI, Tokyo 194-0003 (JP). ODA, Toshiaki [JP/JP]; 16-12-302, HONCHO 2-CHOME, HIGASHIMURAYAMA-SHI, Tokyo 189-0014 (JP). YAMAZAKI, Yukiyo [JP/JP]; 12-13-406, HONCHO 1-CHOME, HIGASHIMURAYAMA-SHI, Tokyo 189-0014 (JP). NISHIKAWA, Masahiro [JP/JP]; 17-43-405, NOGUCHICHO 2-CHOME, HIGASHIMURAYAMA-SHI, Tokyo 189-0022 (JP). TAKEMURA, Shunji [JP/JP]; 31-18, OWADA-MACHI 5-CHOME, HACHIOJI-SHI, Tokyo 192-0045 (JP). OHKUCHI, Masao [JP/JP]; 9-5, NAKAARAI 3-CHOME, TOKOROZAWA-SHI, Saitama 359-0041 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RU RO SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61K 31/455, 31/496, 31/497, 31/506,
31/551, C07D 213/82, 491/10, 213/81,
401/06, 401/12, 409/04, 401/04, 405/12,
241/24, 239/28
- (11) WO 03/086398 (13) A1
- (21) PCT/US03/11066
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 10/116,971 5 Apr/avr 2002 US
(05.04.2002)
- (30) 10/244,987 17 Sep/sep 2002 US
(17.09.2002)
- (30) Not furnished / 12 Mar/mar 2003 US
non communiqué (12.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AMINOCARBONYL SUBSTITUTED
PYRIDINES, PYRIDAZINES, PYRIMI-
DINES, PYRAZINES AND TRIAZINES
HAVING ANTIANGIOGENIC ACTIV-
ITY
- PYRIDINES, PYRIDAZINES, PYRIMI-
DINES, PYRAZINES ET TRIAZINES A
SUBSTITUTION AMINOCARBONYLE
ET A ACTIVITE ANTIANGIOGENE
- (71) ABBOTT LABORATORIES [US/US];
Dept. 377/AP6A-1, 100 Abbott Park Road,
Abbott Park, IL 60064-6008 (US).
- (72) HAVIV, Fortuna; 1125 Oxford Road, Deer-
field, IL 60015 (US). BRADLEY, Michael,
F.; 2591 N. Augusta Drive, Wadsworth, IL
60083 (US). HENKIN, Jack; 1370 Lin-
coln Avenue, S., Highland Park, IL 60035
(US). DINGES, Jürgen; 1357 Mayfair Lane,
Grayslake, IL 60030 (US). SAUER, Daryl,
R.; 23619 112 Street, Trevor, WI 53179
(US). KOLACZKOWSKI, Lawrence; 5822
Constitution Avenue, Gurnee, IL 60031 (US).
VASUDEVAN, Anil; 4220 Tiger Lily Lane,
#308, Gurnee, IL 60031 (US). PARK, David,
C.; 30055 North Waukegan Road, #110, Lake
Bluff, IL 60044 (US).
- (74) STEELE, Gregory, W. et al. / etc.; Dept
377/AP6A-1, 100 Abbott Park Road, Abbott
Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ A61K 31/4709, 31/506, A61P 9/10, C07D
417/14, 401/12, 471/04, 401/14, 413/14
- (11) WO 03/086400 (13) A1
- (21) PCT/GB03/01544
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 0208279.0 10 Apr/avr 2002 GB
(10.04.2002)
- CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ A61K 31/46, 31/56
- (11) WO 03/086399 (13) A1
- (21) PCT/EP03/03668
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) de (26) de
- (30) 102 16 429.0 12 Apr/avr 2002 DE
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEDICAMENTS CONTAINING
STEROIDS AND A NOVEL ANTI-
CHOLINESTERASE DRUG
- MEDICAMENT CONTENANT DES
STEROIDES ET UN NOUVEL ANTI-
CHOLINERGIQUE
- (71) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG [DE/DE]; Binger Strasse
173, 55216 INGELHEIM (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BANHOLZER, Rolf [DE/DE];
Pfullinger Strasse 55, 70597 STUTTGART
(DE). MEADE, Christopher, John, Mon-
tagne [GB/DE]; Burgstrasse 104, 55411 BIN-
GEN (DE). MEISSNER, Helmut [DE/DE];
Hallgartenerstrasse 9, 55218 INGELHEIM
(DE). MORSCHHÄUSER, Gerd [DE/DE];
Rissegger Steige 97, 88400 BIBERACH
(DE). PAIRET, Michel [FR/DE]; Birken-
harderstrasse 6, 88400 BIBERACH (DE).
PIEPER, Michael, P. [DE/DE]; Geschwis-
ter-Scholl-Strasse 45, 88400 BIBERACH
(DE). POHL, Gerald [DE/DE]; Akazienweg
12, 88400 BIBERACH (DE). REICHL,
Richard [DE/DE]; Im Hippel 55, 55435
GAU-ALGESHEIM (DE). SPECK, Georg
[DE/DE]; In der Bitz 10, 55218 INGELHEIM
AM RHEIN (DE).
- (74) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG; Binger Strasse 173,
55216 INGELHEIM (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ A61K 31/495, A61P 9/06
- (11) WO 03/086401 (13) A1
- (21) PCT/US03/10434
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,150 4 Apr/avr 2002 US
(04.04.2002)
- (30) 60/408,292 5 Sep/sep 2002 US
(05.09.2002)
- (30) 60/422,589 30 Oct/oct 2002 US
(30.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF RANOLAZINE FOR THE
PREPARATION OF A MEDICAMENT
FOR THE TREATMENT OF ARRHYTH-
MIAS
- UTILISATION DE RANOLAZINE
POUR LA PREPARATION D'UN MEDI-
CAMENT PERMETTANT DE TRAITER
LES ARYTHMIES
- (71) CV THERAPEUTICS, INC. [US/US];
3172 Porter Drive, Palo Alto, CA 94304
(US).
- (72) BELARDINELLI, Luiz; 704 Univer-
sity Drive, Menlo Park, CA 94025 (US).
ANTZELEVITCH, Charles; 101 Syl-
van Way, New Hartford, NY 13413 (US).
BLACKBURN, Brent; 633 Almond Avenue,
Los Altos, CA 94022 (US).

(74) CLARKE, Pauline et al. / etc.; CV Therapeutics, Inc., 3172 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/496, C07D 215/56

(11) WO 03/086402 (13) A1

(21) PCT/US03/10708

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 259/MAS/2002 8 Apr/avr 2002 IN (08.04.2002)

(30) 285/MAS/2002 12 Apr/avr 2002 IN (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANHYDROUS CRYSTALLINE FORMS I AND II OF 1-CYCLOPROPYL-6-FLUORO-8-METHOXY-7-(3-METHYL-1-PIPERAZINYL) 4-OXO-L, 4-DIHYDROQUINOLINE-3-CARBOXYLIC ACID (GATIFLOXACIN)

• FORMES CRISTALLINES ANHYDRES I ET II DE L'ACIDE 1-CYCLOPROPYL-6-FLUORO-8-METHOXY-7-(3-METHYL-1-PIPERAZINYL) 4-OXO-L, 4-DIHYDROQUINO-LEINE-3-CARBOXYLIQUE (GATIFLOXACINE)

(71) DR. REDDY'S LABORATORIES LIMITED [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P. 500 016 (IN).

(for all designated States except / pour tous les États désignés sauf GD US)

(71) CORD, Janet, I. [US/US]; 26 West 61st Street, New York, NY 10023 (US).
(only for / seulement pour GD)

(72, 75) REDDY, Manne, Satyanarayana [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P., 500 016 (IN). RAJU, Chakiram, Naga [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P., 500 016 (IN). RAJU, Vetukuri, Venkata, Naga, Kali, vara, Prasada [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P., 500 016 (IN). REDDY, Ningam, Srinivas [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P., 500 016 (IN). KUMAR, rapolu, Rajesh [IN/IN]; 7-1-27, Amcerpet, Hyderabad, A.P., 500 016 (IN).

(74) CORD, Janet, I. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/498, C07D 241/42

(11) WO 03/086403 (13) A1

(21) PCT/US03/10341

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,846 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHIBITORS OF AKT ACTIVITY

• INHIBITEURS DE L'ACTIVITE DE AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDSLEY, Craig, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ZHAO, Zhijian [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/498, C07D 487/04

(11) WO 03/086404 (13) A1

(21) PCT/US03/10447

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,833 8 Apr/avr 2002 US (08.04.2002)

(30) 60/417,411 9 Oct/oct 2002 US (09.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUSED QUINOXALINE DERIVATIVES AS INHIBITORS OF AKT ACTIVITY

• DERIVES DE QUINOLAXINE FUSION-NEE COMME INHIBITEURS DE L'ACTIVITE D'AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDSLEY, Craig, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ZHAO, Zhijian [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/50, 47/32, 47/38, A61P 9/00, 29/00

(11) WO 03/086405 (13) A1

(21) PCT/JP03/04762

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 60/372,416 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLID DISPERSION COMPOSITION

• COMPOSITION DE DISPERSION SOLIDE

(71) KOWA CO., LTD. [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 460-8625 (JP).

(72) TAKANO, Niichiro; 5-1-302 MITOJIMA 1-CHOME, FUJI-SHI, Shizuoka 416-0921 (JP). KAWASHIMA, Hiroyuki; 17-9, SUZUKAWANISHICHO 1-BAN, FUJI-SHI, Shizuoka 417-0014 (JP). SHINODA, Yasuo; 74, BABANCHO, SHIZUOKA-SHI, Shizuoka 420-0867 (JP). INAGI, Toshio; 10-203, NISHIWAKACHO 6-CHOME, MISHIMA-SHI, Shizuoka 411-0038 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; Kyodo Building, 3-6, Nihonbashinginyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/505, A61P 25/28, C07D 471/04

(11) WO 03/086406 (13) A1

(21) PCT/GB03/01465

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0208394.7 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMIDAZO-PYRIDINE DERIVATIVES
AS LIGANDS FOR GABA RECEPTORS• DERIVES IMIDAZO-PYRIDINE
COMME LIGANDS POUR RECEPTEURS GABA(71) MERCK SHARP & DOHME LIMITED
[GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BURKAMP, Frank [DE/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). STREET, Leslie, Joseph [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(74) THOMPSON, John; Merck & Co., Inc., European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/506, A61P 27/06

(11) WO 03/086407 (13) A1

(21) PCT/EP03/03323

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 102 16 145.3 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF STIMULATORS OF SOLUBLE GUANYLATE CYCLASE FOR TREATING GLAUCOMA

• UTILISATION DE STIMULATEURS DE LA GUANYLATE CYCLASE SOLUBLE POUR TRAITER LE GLAUCOME

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIGAND, Stefan [DE/DE]; Rückertweg 35, 42115 Wuppertal (DE). FEURER, Achim [DE/DE]; Erlbrunnweg 5, 69259 Wilhelmsfeld (DE). STASCH, Johannes-Peter [DE/DE]; Alfred-Nobel-Str. 109, 42651 Solingen (DE). HÜTTER, Joachim [DE/DE]; Teschensudberger Str. 13, 42349 Wuppertal (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ A61K 31/52

(11) WO 03/086408 (13) A1

(21) PCT/US03/11146

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,434 10 Apr/avr 2002 US
(10.04.2002)(30) 60/387,184 7 Jun/juin 2002 US
(07.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF A2A ADENOSINE RECEPTOR AGONISTS FOR THE TREATMENT OF INFLAMMATORY DISEASES

• UTILISATION D'AGONISTES DU RECEPTEUR D'ADENOSINE A2A DANS LE TRAITEMENT DE MALADIES INFLAMMATOIRES

(71) UNIVERSITY OF VIRGINIA PATENT FOUNDATION [US/US]; 1224 West Main Street, suite 1-110, Charlottesville, VA 22902 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LINDEN, Joel, M. [US/US]; 207 Harvest Drive, Charlottesville, VA 22903 (US). SULLIVAN, Gail, W. [US/US]; 568 Taylor's Gap Road, Charlottesville, VA 22903 (US). MACDONALD, Timothy, L. [US/US]; 2625 Jefferson Park Circle, Charlottesville, VA 22903 (US). SCHELD, Michael W. [US/US]; 2075 Earlysville Road, Earlysville, VA 22936 (US). OBRIG, Tom G. [US/US]; 601 Kearsarge Circle, Charlottesville, VA 22903 (US). RIEGER, Jayson M. [US/US]; 3388 Turnberry Circle, Charlottesville, VA 22911 (US).

(74) STEFFEY, Charles E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/5513, A61P 25/04, 43/00

(11) WO 03/086409 (13) A1

(21) PCT/GB03/01514

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0208129.7 9 Apr/avr 2002 GB
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THE USE OF DEVAZEPIDE AS ANALGESIC AGENT

• UTILISATION DU DEVAZEPIDE COMME ANALGESIQUE

(71) ML LABORATORIES PLC [GB/GB]; 17 Hanover Square, London W1S 1HU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACKSON, Karen [GB/GB]; 11 Rookery Dell, Deepcar, Sheffield S35 2ND (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/56, 31/566, 31/57, 31/573, 31/565, 31/495, 31/585, A61P 25/28, 3/10

(11) WO 03/086410 (13) A1

(21) PCT/GB03/01400

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 0207945.7 5 Apr/avr 2002 GB
(05.04.2002)(30) 60/375,690 26 Apr/avr 2002 US
(26.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMPOSITIONS COMPRISING A 11-BETA HYDROXYSTEROID DEHYDROGENASE INHIBITOR AND A DIURETIC AGENT

- COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN INHIBITEUR DE 11-BETA HYDROXYSTEROIDE DESHYDROGENASE ET UN AGENT DIURETIQUE

(71) **THE UNIVERSITY OF EDINBURGH** [GB/GB]; Old College, South Bridge, Edinburgh EH8 9YL (GB).

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(72, 75) **WALKER, Brian, Robert** [GB/GB]; University of Edinburgh, Molecular Medicine Centre, School of Molecular and Clinical Medicine, Western General Hospital, Edinburgh EH4 2XU (GB). **SECKL, Jonathan, Robert** [GB/GB]; University of Edinburgh, Molecular Medicine Centre, School of Molecular and Clinical Medicine, Western General Hospital, Edinburgh EH4 2XU (GB).

(74) **KHOO, Chong-Yee et al.** / etc.; D YOUNG & CO, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/58, A61P 9/00

(11) WO 03/086411 (13) A1

(21) PCT/CN03/00263

(22) 14 Apr/avr 2003 (14.04.2003)

(25) zh (26) zh

(30) 02111346.7 15 Apr/avr 2002 CN (15.04.2002)

(30) 03117182.6 17 Jan/jan 2003 CN (17.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOUNDS AND PREPARATION METHODS OF CARBOXYLATE AND MONOESTER SUCCINATE DERIVATIVE OF DIOSGENIN

- COMPOSES ET TECHNIQUES DE PREPARATION DE CARBOXYLATE DE DIOSGENINE ET D'UN DERIVE DE SUCCINATE MONOESTER DE DIOSGENINE

(71) **CHENGDU D'AO PHARMACEUTICAL GROUP CO., LTD.** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN).

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(72, 75) **LIU, Zhongrong** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **WANG, Xuechao**

[CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **YE, Zhonglin** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **WANG, Xiaoli** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **LI, Bogang** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **WANG, Liutang** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **SUN, Shiyong** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **DENG, Lingen** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN). **HE, Min** [CN/CN]; No.26, Chuangye Road, High-new Avenue, High-tech Development Zone, Chengdu, Sichuan 610000 (CN).

(74) **LECOMME INTELLECTUAL PROPERTY AGENT LTD.**; Rm.306, 3/F, Quantum Silver Plaza No. 23 Zhichun Road, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 31/66

(11) WO 03/086412 (13) A2

(21) PCT/FR03/01178

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04596 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYPHOSPHONATE DERIVATIVES FOR TOOTHPASTE COMPOSITIONS

- DERIVES POLY-PHOSPHONATES POUR COMPOSITIONS DENTIFRICES

(71) **UNIVERSITE D'ANGERS** [FR/FR]; 40, rue de Rennes, F-49000 Angers (FR).
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(72, 75) **DENIZOT, Benoît** [FR/FR]; 79, boulevard Eugène Chaumin, F-49000 Angers (FR). **DENIZOT, Anne** [FR/FR]; 79, boulevard Eugène Chaumin, F-49000 Angers (FR). **HINDRE, François** [FR/FR]; 45, boulevard de la Duchesse Anne, F-35700 Rennes (FR). **PORTET, David** [FR/FR]; 8, impasse du Chêne Vert, F-49125 Tierce (FR).

(74) **MARTIN, Jean-Jacques et al.** / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/66

(11) WO 03/086413 (13) A1

(21) PCT/US03/10540

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,213 8 Apr/avr 2002 US (08.04.2002)

(30) 60/370,245 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMPOSITIONS CONTAINING WATER-SOLUBLE PRODRUGS OF PROPOFOL AND METHODS OF ADMINISTERING SAME

- COMPOSITIONS PHARMACEUTIQUES CONTENANT DES PROMEDICAMENTS HYDROSOLUBLES A BASE DE PROPOFOL ET PROCEDES D'ADMINISTRATION ASSOCIES

(71) **GUILFORD PHARMACEUTICALS, INC.** [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US).

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(72, 75) **WINGARD, Peggy** [US/US]; 5838 Glenagles Drive, San Jose, CA 95038 (US). **BURAK, Eric, S.** [US/US]; 51 Bone Mill Road, East Haddam, CT 06423 (US). **GIBIANSKI, Ekaterina** [US/US]; 49 Flints Grove Drive, North Potomac, MD 20878 (US). **VORNOV, James, J.** [US/US]; 5920 Simmonds Avenue, Baltimore, MD 21215 (US).

(74) **RIVARD, Paul, M.**; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/66, 31/075, C07F 9/02, C07C 43/205

(11) WO 03/086414 (13) A1

(21) PCT/US03/11008

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,782 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STRUCTURAL MODIFICATION OF RESVERATROL: SODIUM RESVERASTATIN PHOSPHATE
• MODIFICATION STRUCTURELLE DU RESVERATROL: PHOSPHATE DE RESVERASTATINE DE SODIUM

(71) ARIZONA BOARD OF REGENTS [US/US]; Arizona State University, Box 873511, Tempe, AZ 85287 (US).
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(72, 75) PETTIT, George, R. [US/US]; 6232 Bret Hills Drive, Paradise Valley, AZ 85253 (US). GREALISH, Matthew, P. [US/US]; 863 Sapphire Street, #13, San Diego, CA 92109 (US).

(74) ROSENFELD, Susan, Stone; Fennemore Craig, Suite 2600, 3003 North Central, Phoenix, AZ 85012-2913 (US).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ A61K 31/66, 31/59

(11) WO 03/086415 (13) A1

(21) PCT/US03/09799

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 60/370,529 5 Apr/avr 2002 US (05.04.2002)

(30) 60/370,501 5 Apr/avr 2002 US (05.04.2002)

(30) 60/370,336 5 Apr/avr 2002 US (05.04.2002)

(30) 60/398,434 25 Jul/juil 2002 US (25.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR INHIBITING BONE RESORPTION WITH AN ALENDRONATE AND VITAMIN D FORMULATION

• PROCEDE D'INHIBITION DE RESORPTION OSSEUSE A L'AIDE D'UNE FORMULATION A BASE D'ALENDRONATE ET DE VITAMINE D

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
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(72, 75) DAIFOTIS, Anastasia, G. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MAZEL, Sidney [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). YATES, John [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/70, C12N 15/11

(11) WO 03/086416 (13) A1

(21) PCT/CA03/00480

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 2,380,970 8 Apr/avr 2002 CA (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBINATIONS OF ANTISENSE OLIGONUCLEOTIDES DIRECTED AGAINST THYMIDYLATE SYNTHASE MRNA AND USES THEREOF

• COMBINAISONS D'OLIGONUCLEOTIDES ANTISENS DIRIGES CONTRE L'ARNM DE THYMIDYLATE SYNTHASE ET UTILISATIONS ASSOCIEES

(71) SARISSA INC. [CA/CA]; 121 Timber Drive, London, Ontario N6K 4A2 (CA).
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(72, 75) KOROPATNICK, D., James [CA/CA]; c/o London Regional Cancer Center, 790 Commissioners Road East, London, Ontario N6A 4L6 (CA). VINCENT, Mark, D. [CA/CA]; c/o London Regional Cancer Center, 790 Commissioners Road East, London, Ontario N6A 4L6 (CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/70, A61P 25/02

(11) WO 03/086417 (13) A1

(21) PCT/DE03/01203

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 753.7 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF PYRIMIDINE NUCLEOTIDES FOR THE TREATMENT OF AFFECTIONS OF THE PERIPHERAL NERVOUS SYSTEM

• UTILISATION DE NUCLEOTIDES DE PYRIMIDINE POUR TRAITER DES DOMMAGES DU SYSTEME NERVEUX PERIPHERIQUE

(71) TROMMSDORFF GMBH & CO. KG ARZNEIMITTEL [DE/DE]; Trommsdorffstrasse 2-6, 52475 Alsdorf (DE).
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(72, 75) HEDDING-ECKERICH, Monika [DE/DE]; Pescher Strasse.4, 41564 Kaarst (DE).

(74) ARTH, Hans-Lothar; Innovations- und Gründerzentrum Biotechnologie IZB, Am Klopferspitz 198, 82152 Planegg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/70

(11) WO 03/086418 (13) A1

(21) PCT/US03/10972

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en
(30) 60/371,897 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR THE TREATMENT OF CANCER

• METHODES DE TRAITEMENT DU CANCER

(71) CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SOLOMON, Keith, R. [US/US]; 17 Weld Hill Street, Jamaica Plain, MA 02130-4126 (US).

(74) RESNICK, David, S. et al. / etc.; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110-1832 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 31/70, 31/74

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(21) PCT/US03/11363

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/121,839 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIBIOTIC/BENZOYL PEROXIDE DISPENSER

• DISTRIBUTEUR DE PEROXYDE ANTIBIOTIQUE

(71) IMAGINATIVE RESEARCH ASSOCIATES, INC. [US/US]; 116 Research Drive, Milford, CT 06460 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VISHNUPAD, Mohan [US/US]; 155 Old Stonewall Road, Easton, CT 06612 (US).
VISHNUPAD, Naomi [US/US]; 155 Old Stonewall Road, Easton, CT 06612 (US).

(74) DELUCA, Peter et al. / etc.; Carter, Deluca, Farrell & Schmidt, LLP, Suite 225, 445 Broad Hollow Road, Melville, NY 11747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/702, A61P 17/00

(11) WO 03/086420 (13) A1

(21) PCT/EP03/03354

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 102 14 507.5 **2 Apr/avr 2002** DE
(02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF ACARBOSE AND THE DERIVATIVES THEREOF FOR THE TREATMENT AND PROPHYLAXIS OF DEGENERATIVE SKIN CONDITIONS

• UTILISATION D'ACARBOSE ET DE SES DERIVES POUR LE TRAITEMENT ET LA PROPHYLAXIE D'ETATS DEGENERATIFS DE LA PEAU

(71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20253 Hamburg (DE).

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(72, 75) MUMMERT, Christopher [DE/DE]; Zum Eitzener Bruch 7, 29553 Bienenbüttel (DE). KOLBE, Ludger [DE/DE]; Wiesenstrasse 16, 21255 Dohren (DE). MUNDT, Claudia [DE/DE]; Holunderstr. 89a, 28207 Bremen (DE). BLATT, Thomas [DE/DE]; Julius-Leber-Weg 8, 22880 Wedel (DE). STÄB, Franz [DE/DE]; Bäckerstrasse 3, 21379 Echem (DE). TERSTEGEN, Lara [DE/DE]; Heckscherstrasse 2, 20253 Hamburg (DE).

(74) JANSSEN, Bernd et al. / etc.; Uexküll & Stolberg, Beselerstr.4, 22607 Hamburg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 31/716, A61P 1/02, 11/02, 17/00

(11) WO 03/086421 (13) A1

(21) PCT/JP03/02536

(22) 5 Mar/mar 2003 (05.03.2003)

(25) ja (26) ja

(30) 2002-113217 **16 Apr/avr 2002** JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTERNAL PREPARATIONS FOR ENHANCING CELL ACTIVITY

• PREPARATIONS A USAGE EXTERNE RENFORCANT L'ACTIVITE CELLULAIRE

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(72, 75) YAMADA, Hajime [JP/JP]; 186-3, Higashihatsuishi 2-chome, Nagareyama-shi, Chiba 270-0114 (JP). YAMADA, Akira [JP/JP]; 186-3, Higashihatsuishi 2-chome, Nagareyama-shi, Chiba 270-0114 (JP).

(74) NAKAMURA, Masami; Kojima Building, 1-3, Higashimukojima 6-chome, Sumida-ku, Tokyo 131-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/729, A61P 29/00, C08B 37/12, A23L 1/30, 1/337

(11) WO 03/086422 (13) A1

(21) PCT/JP03/04680

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-114384 **17 Apr/avr 2002** JP
(17.04.2002)

(30) 2002-327504 **11 Nov/nov 2002** JP
(11.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REMEDIES

• AGENTS THERAPEUTIQUES

(71) TAKARA BIO INC. [JP/JP]; 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP).
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(72, 75) NISHIYAMA, Eiji [JP/JP]; 1411-7, Mizuho-cho, Moriyama-shi, Shiga 524-0102 (JP). MURAKI, Nobuko [JP/JP]; 520, Nagano, Shigaraki-cho, Koka-gun, Shiga 529-1851 (JP). OHNOGI, Hiromu [JP/JP]; 311, Hamoparesu Kusatsu, 12-1, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). SAGAWA, Hiroaki [JP/JP]; 6-32, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). KATO, Ikunoshin [JP/JP]; 1-1-150, Nanryo-cho, Uji-shi, Kyoto 611-0028 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 33/14, A61P 9/12

(11) WO 03/086423 (13) A1

(21) PCT/GB03/01512

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0207939.0 5 Apr/avr 2002 GB
(05.04.2002)(30) 02252469.8 5 Apr/avr 2002 EP
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW-DOSE POTASSIUM SUPPLEMENTATION FOR THE PREVENTION AND TREATMENT OF HYPERTENSION

- APPORT COMPLEMENTAIRE EN POTASSIUM A FAIBLE DOSE POUR LA PREVENTION ET LE TRAITEMENT DE L'HYPERTENSION

(71) BTG INTERNATIONAL LIMITED [GB/GB]; 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).

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(72, 75) NAISMITH, Donald, Johnstone [GB/GB]; King's College London, Stand, London WC2R 2LS (GB). BRASCHI, Alessandro, Maria [IT/GB]; King's College London, Stand, London WC2R 2LS (GB).

(74) MARSHALL, Cameron, John et al. / etc.; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 33/36, A61P 35/00

(11) WO 03/086424 (13) A1

(21) PCT/NL02/00231

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING ARSENITE FOR THE TREATMENT OF MALIGNANCY

- COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'ARSENITE ET DESTINEE AU TRAITEMENT DE MALIGNANCES

(71) KOREA MICROBIOLOGICAL LABORATORIES, LTD. [KR/KR]; 1 Ra-107, Shihwa Industrial Complex, Jungwang-Dong, Shihung City, Kyonggi-Do (KR).

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(72, 75) LEE, Sang, Bong [KR/KR]; 212-1103, Daelim Apt. Choweon Naul, Pyongchon-dong, Anyang City, Kyonggi-Do (KR). YANG, Yong, Yin [KR/KR]; 254-4 SK Town House, Kumi-dong, Bundang-Gu, Seongnam-City, Kyonggi-Do (KR).

(74) ALTENBERG, Bernardus, Stephanus, Franciscus; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, A61P 29/00

(11) WO 03/086425 (13) A1

(21) PCT/CN02/00246

(22) 9 Apr/avr 2002 (09.04.2002)

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN ANTI-RHEUMATISM MEDICATION AND METHOD TO PREPARE THEREOF

- MÉDICAMENT CONTRE LES RHUMATISMES ET PROCÉDÉ DE PRODUCTION

(71) SICHUAN INSTITUTE OF CHINESE MATERIA MEDICA [CN/CN]; 51 Siduan, Reminnanlu, Chengdu, Sichuan 610041 (CN). GUANGZHOU CHEN LI JI PHARMACEUTICAL FACTORY [CN/CN]; 1688 Guangzhoudadaonan, Guangzhou, Guangdong 510290 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENG, Wenlong [CN/CN]; 51 Siduan, Reminnanlu, Chengdu, Sichuan 610041 (CN).

(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR

IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ A61K 35/78, 35/56, 35/55, 35/413, A61P 35/00

(11) WO 03/086426 (13) A1

(21) PCT/CN02/00413

(22) 10 Jun/juin 2002 (10.06.2002)

(25) zh (26) zh

(30) 02113619.X 17 Apr/avr 2002 CN
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SET OF CHINESE MEDICINE FOR PREVENTING AND TREATING CANCER

- ENSEMBLE DE MEDICAMENTS CHINOIS PERMETTANT DE PREVENIR ET DE TRAITER LE CANCER

(71, 72) LI, Yongzhong [CN/CN]; 6-1-3, Zhao Zhong Ci Jie St., Jin Jiang District, Chengdu, Sichuan 610017 (CN).

(74) BEIJING UNITALEN PATENT & TRADEMARK LAW FIRM; 7th Floor, Scitech Place, No.22 Jian Guo Men Wei Ave., Chao Yang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78

(11) WO 03/086427 (13) A1

(21) PCT/CN03/00247

(22) 7 Apr/avr 2003 (07.04.2003)

(25) zh (26) zh

(30) 02116820.2 8 Apr/avr 2002 CN
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOPICAL FORMULATION FOR DREDGING OR INTERRUPTING MILK WITHOUT PAIN AND ITS PROCESS

- FORMULATION LOCALE DESTINEE A PURGER OU A TARIR SANS DOULEUR LE LAIT ET PROCEDE ASSOCIE

(71, 72) QU, Xinyu [CN/CN]; Room 910, Building 2, No.8 Yuan(Xinglin Yuan), Jiaomen Bei Road, Fengtai District, Beijing 100077 (CN).

(74) LUNG TIN INTERNATIONAL PAENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B, Grand Place, No.5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, 31/05, 31/015, A61P 27/02

(11) WO 03/086428 (13) A1

(21) PCT/EP03/03619

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 02008624.5 17 Apr/avr 2002 EP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTIVE SUBSTANCE MIXTURES OF EXTRACTS OF THE GENUS VACCINIUM AND CAROTENE COMPOUNDS

• MELANGES DE SUBSTANCES ACTIVES A BASE D'EXTRAITS DE L'ESPECE VACCINIUM ET DE COMPOSES DE CAROTENE

(71) COGNIS IBERIA, S.L. [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES).

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(72, 75) KRÄCHTER, Hans-Udo [DE/DE]; Stubenrauchstrasse 31, 14482 Potsdam (DE). FABRY, Bernd [DE/DE]; Danziger Strasse 31, 41352 Korschenbroich (DE). MEHLING, Annette [DE/DE]; Oberdahl 17, 42349 Wuppertal (DE). ARIAS, Carmen [ES/ES]; Sant Josep 23 B, E-08190 Sant Cugat del Vallés (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH & Co. KG, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) AU JP NZ US.

(51)⁷ A61K 35/78, A61P 11/02

(11) WO 03/086429 (13) A1

(21) PCT/EP03/03832

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) TO2002A000331 16 Apr/avr 2002 IT (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PHARMACEUTICAL FORMULATION FOR ENDONASAL ADMINISTRATION AND ITS USE IN THE TREATMENT OF RHINITIC SYMPTOMS

• FORMULATION PHARMACEUTIQUE POUR ADMINISTRATION ENDONASALE ET SON UTILISATION DANS LE TRAITEMENT DE SYMPTOMES RHINITIQUES

(71) MEDESTEA RESEARCH & PRODUCTION S.R.L. [IT/IT]; Via Ribes, 5, I-10010 Colletterto Giacosa (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANZONE, José, Sebastian [IT/IT]; Via Maria Vittoria, 23, I-10123 Torino (IT). OMINI, Claudio [IT/IT]; Piazza Cavour, 5, I-20060 Bussero (IT). ZUCCARI, Giuseppe [IT/IT]; Via Europa, 25, I-26866 Sant'Angelo Lodigiano (IT).

(74) RAMBELLI, Paolo et al. / etc.; Jacobacci & Parnters SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ A61K 35/78

(11) WO 03/086430 (13) A2

(21) PCT/IB03/01922

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 10/124,132 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICINAL HERBAL EXTRACT CARPEDIOL FOR TREATING DEPRESSION

• CARPEDIOL, EXTRAIT D'HERBES MEDICINALES UTILISE DANS LE TRAITEMENT DE LA DEPRESSION

(71) SWEDISH HERBAL INSTITUTE [SE/SE]; Sparvagen 2, SE-432 96 Askloster (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIKMAN, Georg [SE/SE]; Sparvagen 2, SE-432 96 Askloster (SE). PANOSSIAN, Alexander [AM/AM]; 3 Airian Street, Apt. 34, Yerevan-10, 375010 (AM).

(74) JHK, Law; P.O. Box 1078, La Canada, CA 91012-1078 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78

(11) WO 03/086431 (13) A1

(21) PCT/IL03/00306

(22) 13 Apr/avr 2003 (13.04.2003)

(25) en (26) en

(30) 60/371,430 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VIRALLY INFECTED PLANTS AS A SOURCE OF INSECT REPELANTS/ATTRACTANTS

• PLANTES A INFECTION VIRALE POUVANT ETRE UNE SOURCE D'INSECTIFUGES/DE PRODUITS ATTRACTIFS POUR INSECTES

(71) BIO-OZ ADVANCED BIOTECHNOLOGICAL AGRICULTURE LTD. [IL/IL]; Yad Mordechai, 79 145 D. N. Hof Ashkelon (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALDI, Nitzan [IL/IL]; Meshek 77, Moshav Bar Giora, 99 880 D.N. Ha'Ela (IL). GOVRIN, Eri, M. [IL/IL]; P.O. Box 39145, Givat Ram, 91 390 Jerusalem (IL). HUET, Herve [IL/IL]; 5 Menachem Begin Road, 56 478 Yahud (IL). YARDEN, Gal [IL/IL]; Nir-Moshe 215, 85 370 MP HaNegev (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/JP02/03746

(22) 15 Apr/avr 2002 (15.04.2002)

- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • THERAPEUTIC LOTION FOR DERMATITIS
• LOTION THERAPEUTIQUE CONTRE LA DERMATITE
- (71, 72) SANTO, Tetsuo [JP/JP]; 360-130, Hinashicho, Hamada-shi, Shimane 697-1322 (JP).
- (72, 75) LI, Songhua [CN/JP]; 4-3-22, Enyacho, Izumo-shi, Shimane 693-0021 (JP). WANG, Ruwei [CN/CN]; 112, Yonghuixincun, Lishushi, Zhejiangsheng 32300 (CN). IWASAKI, Sumio [JP/JP]; 33-5, Imaichicho Minamihonmachi, Izumo-shi, Shimane 693-0003 (JP).
- (74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 35/78, 31/10, 31/16, 7/00, 7/48, A61P 17/00, 7/00
- (11) WO 03/086433 (13) A1
- (21) PCT/JP02/03747
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • THERAPEUTIC CREAM FOR DERMATITIS
• CREME THERAPEUTIQUE CONTRE LA DERMATITE
- (71, 72) SANTO, Tetsuo [JP/JP]; 360-130, Hinashicho, Hamada-shi, Shimane 697-1322 (JP).
- (72, 75) LI, Songhua [CN/JP]; 4-3-22, Enyacho, Izumo-shi, Shimane 693-0021 (JP). WANG, Ruwei [CN/CN]; 112, Yonghuixincun, Lishushi, Zhejiangsheng 32300 (CN). IWASAKI, Sumio [JP/JP]; 33-5, Imaichicho Minamihonmachi, Izumo-shi, Shimane 693-0003 (JP).
- (74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 35/78, 7/50, A61P 17/00, 37/08, C11D 3/382, A01N 65/00
- (11) WO 03/086435 (13) A1
- (21) PCT/JP02/03750
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CLEANSER
• NETTOYANT
- (71, 72) SANTO, Tetsuo [JP/JP]; 360-130, Hinashicho, Hamada-shi, Shimane 697-1322 (JP).
- (72, 75) LI, Songhua [CN/JP]; 4-3-22, Enyacho, Izumo-shi, Shimane 693-0021 (JP). WANG, Ruwei [CN/CN]; 112, Yonghuixincun, Lishushi, Zhejiangsheng 32300 (CN). IWASAKI, Sumio [JP/JP]; 33-5, Imaichicho Minamihonmachi, Izumo-shi, Shimane 693-0003 (JP).
- (74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, 9/08, A61P 17/00, A23L 1/38

(11) WO 03/086434 (13) A1

(21) PCT/JP02/03749

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRINKING TEA FOR TREATING DERMATITIS

• THE THERAPEUTIQUE CONTRE LA DERMATITE

(71, 72) SANTO, Tetsuo [JP/JP]; 360-130, Hinashicho, Hamada-shi, Shimane 697-1322 (JP).

(72, 75) LI, Songhua [CN/JP]; 4-3-22, Enyacho, Izumo-shi, Shimane 693-0021 (JP). WANG, Ruwei [CN/CN]; 112, Yonghuixincun, Lishushi, Zhejiangsheng 323000 (CN). IWASAKI, Sumio [JP/JP]; 33-5, Imaichicho Minamihonmachi, Izumo-shi, Shimane 693-0003 (JP).

(74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, 7/50, A61P 17/00, 37/08, C11D 3/382, A01N 65/00

(11) WO 03/086435 (13) A1

(21) PCT/JP02/03750

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLEANSER

• NETTOYANT

(71, 72) SANTO, Tetsuo [JP/JP]; 360-130, Hinashicho, Hamada-shi, Shimane 697-1322 (JP).

(72, 75) LI, Songhua [CN/JP]; 4-3-22, Enyacho, Izumo-shi, Shimane 693-0021 (JP). WANG, Ruwei [CN/CN]; 112, Yonghuixincun, Lishushi, Zhejiangsheng 323000 (CN). IWASAKI, Sumio [JP/JP]; 33-5, Imaichicho Minamihonmachi, Izumo-shi, Shimane 693-0003 (JP).

(74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, 31/192, 9/16, 9/20, 9/48, A61P 3/04, 3/06, 43/00, A23L 1/30

(11) WO 03/086436 (13) A1

(21) PCT/JP03/04595

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110434 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-199815 9 Jul/juill 2002 JP (09.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENTERIC FAT ABSORPTION INHIBITORS CONTAINING PLANT EXTRACT AND FOODS CONTAINING THE SAME

• INHIBITEURS D'ABSORPTION ENTERIQUE DE GRAISSES CONTENANT DES EXTRAITS DE PLANTES, ET PRODUITS ALIMENTAIRES CONTENANT LESDITS EXTRAITS

(71) MORISHITA JINTAN CO., LTD. [JP/JP]; 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 540-8566 (JP).

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(72, 75) SHIMODA, Hiroshi [JP/JP]; c/o MORISHITA JINTAN CO., LTD., 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 540-8566 (JP). YOSHINO, Chie [JP/JP]; c/o MORISHITA JINTAN CO., LTD., 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 540-8566 (JP). KASAJIMA, Naoki [JP/JP]; c/o MORISHITA JINTAN CO., LTD., 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 540-8566 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 35/78, A61P 9/10, A23L 1/30, 1/36

(11) WO 03/086437 (13) A1

(21) PCT/JP03/04607

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110932 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITION FOR PREVENTING ARTERIOSCLEROSIS

• COMPOSITION DESTINEE A PREVENIR L'ARTERIOSCLEROSE

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOYAMA, Naoto** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). **KURIBAYASHI, Kanna** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). **ISHII, Koichi** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). **KOBAYASHI, Katsunori** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).

(74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 35/78, 31/70, C07J 17/00, 75/00, C12N 1/20**

(11) **WO 03/086438** (13) A1

(21) PCT/KR03/00043

(22) **10 Jan/jan 2003 (10.01.2003)**

(25) en (26) en

(30) 10-2002-0018856 **8 Apr/avr 2002** KR (08.04.2002)

(30) 10-2002-0082055 **21 Dec/déc 2002** KR (21.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTRACT OF PROCESSED PANAX GENUS PLANT, THE PREPARATION METHOD THEREOF, AND COMPOSITIONS CONTAINING THE SAME

• EXTRAIT DE PLANTE DU GENRE PANAX TRANSFORME, PROCEDE DE PREPARATION DE CET EXTRAIT ET COMPOSITIONS CONTENANT CET EXTRAIT

(71) **GINSENG SCIENCE INC.** [KR/KR]; College of Pharmacy, Seoul National University, Shillim-9 Dong, Kwanak-Gu, 151-742 Seoul (KR).

(72) **KIM, Dong-Hyun**; 81-105, Hyundai APT, 456, Apgujeong-dong, Gangnam-gu, 135-905 Seoul (KR). **BAE, Eun-Ah**; 2-705, Jangmi APT(3), Sincheon-dong, Songpa-gu, 138-240 Seoul (KR). **HAN, Myung-Ju**; 81-105, Hyundai APT, 456, Apgujeong-dong, Gangnam-gu, 135-905 Seoul (KR). **CHOO, Min-Kyung**; 858-33, Bangbae4-dong, Seocho-gu, 137-838 Seoul (KR). **PARK, Eun-Kyung**; 109-1012, Dosigaebal APT,

Irwon1-dong, Gangnam-gu, 135-938 Seoul (KR). **PARK, Jeong-Hill**; 5-1507, Ssangyong APT, Daechi-dong, Gangnam-gu, 135-776 Seoul (KR).

(74) **SHIN, Dong-In**; D.I. International Patent Office, #304, Dukam Bldg., 1457-2, Seocho3-dong, Seocho-gu, 137-867 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 35/78, 31/70, C07J 17/00, 75/00**

(11) **WO 03/086439** (13) A1

(21) PCT/KR03/00044

(22) **10 Jan/jan 2003 (10.01.2003)**

(25) en (26) en

(30) 10-2002-0018843 **8 Apr/avr 2002** KR (08.04.2002)

(30) 10-2002-0085955 **28 Dec/déc 2002** KR (28.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL USE OF THE EXTRACT OF PROCESSED PANAX GENUS PLANT AND SAPONIN COMPOUND ISOLATED THEREFROM

• NOUVELLE UTILISATION DE L'EXTRAIT TRAITE PROVENANT DU GENRE PANAX ET COMPOSE DE SAPONINE ISOLEE A PARTIR DE LADITE PLANTE

(71) **GINSENG SCIENCE INC.** [KR/KR]; College of Pharmacy, Seoul National University, Shillim-9 Dong, Kwanak-Gu, 151-742 Seoul (KR).

(72) **KIM, Dong-Hyun**; 81-105, Hyundai APT, 456, Apgujeong-dong, Gangnam-gu, 135-905 Seoul (KR). **BAE, Eun-Ah**; 2-705, Jangmi APT(3), Sincheon-dong, Songpa-gu, 138-240 Seoul (KR). **HAN, Myung-Ju**; 81-105, Hyundai APT, 456, Apgujeong-dong, Gangnam-gu, 135-905 Seoul (KR). **CHOO, Min-Kyung**; 858-33, Bangbae4-dong, Seocho-gu, 137-838 Seoul (KR). **PARK, Eun-Kyung**; 109-1012, Dosigaebal APT, Irwon1-dong, Gangnam-gu, 135-938 Seoul (KR). **PARK, Jeong-Hill**; 5-1507, Ssangyong APT, Daechi-dong, Gangnam-gu, 135-776 Seoul (KR).

(74) **SHIN, Dong-In**; D.I. International Patent Office, #304, Dukam Bldg., 1457-2, Seocho3-dong, Seocho-gu, 137-867 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 35/78**

(11) **WO 03/086440** (13) A1

(21) PCT/KR03/00704

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10-2002-0018844 **8 Apr/avr 2002** KR (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL USE OF THE EXTRACT OF PROCESSED GINSENG AND SAPONIN ISOLATED THEREFROM

• NOUVELLE UTILISATION DE L'EXTRAIT DE GINSENG TRAITE ET SAPONINE ISOLEE A PARTIR DE CE DERNIER

(71) **Hongrim Trading Co., Ltd.** [KR/KR]; 1213, Hwanghwa Bldg., 832-7, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Dong-Hyun** [KR/KR]; Hyundai APT. 81-105, #456, Apgujeong-dong, Kangnam-gu., 135-905 Seoul (KR). **RYU, Jong-Hoon** [KR/KR]; Gaepo Hanshin APT., Dogok2-dong, Kangnam-gu., 135-855 Seoul (KR). **BAE, Eun-Ah** [KR/KR]; Jangmi APT. 3-cha 2-705, Shincheon-dong, Songpa-gu., 138-240 Seoul (KR). **HAN, Myung-Joo** [KR/KR]; Hyundai APT. 81-105, #456, Apgujeong-dong, Kangnam-gu., 135-905 Seoul (KR). **CHOO, Min-Kyung** [KR/KR]; #858-33, Bangbae4-dong, Seocho-gu., 137-064 Seoul (KR). **PARK, Eun-Kyung** [KR/KR]; Dosigaebal APT. 109-1012, Irwon1-dong, Kangnam-gu., 135-231 Seoul (KR).

(74) **SHIN, Dong-In**; Rm304, Dukam Bldg, #1457-2 Seocho3-dong, Seocho-gu, Seoul 137-867 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 35/78**

(11) **WO 03/086441** (13) A1

(21) PCT/KR03/00737

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,059 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CRUDE DRUG COMPOSITION FOR PREVENTING AND TREATING GASTROINTESTINAL DYSKINETIC DISEASES

• COMPOSITION DE MEDICAMENTS BRUTE DESTINEE A PREVENIR ET A TRAITER DES MALADIES GASTRO-INTESTINALES DYSKINETIQUES

(71) PANGENOMICS CO., LTD [KR/KR]; #304, Biotechnology incubating center, Seoul National University, Shillim9-dong, Kwanak-gu, Seoul 151-742 (KR).

(72) JIN, Mirim; 256-703, Olympic Seonsuchon APT., 89, Bangi-dong, Songpa-gu, Seoul 138-050 (KR). JUNG, Hyung-Jin; 210-303, Banpo Jugong APT., Banpo2-dong, Seocho-gu, Seoul 137-040 (KR). KIM, Sunyoung; 18-302, Hangang mansion Apt., 300-127, Ichon-dong, Youngsan-gu, Seoul 140-030 (KR). CHO, Byung Wook; 256-703, Olympic Seonsuchon APT., 89, Bangi-dong, Songpa-gu, Seoul 138-050 (KR).

(74) SHIN, Dong-In; D.I. International Patent Office, #304, Dukam Bldg., 1457-2, Seocho3-dong, Seocho-gu, Seoul 137-867 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, A61P 31/00

(11) WO 03/086442 (13) A2

(21) PCT/US03/10435

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,533 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPHTHALMIC, PHARMACEUTICAL AND OTHER HEALTHCARE PREPARATIONS WITH NATURALLY OCCURRING PLANT COMPOUNDS, EXTRACTS AND DERIVATIVES

• PREPARATIONS OPHTALMIQUES, PHARMACEUTIQUES ET DE SOINS DE SANTE CONTENANT DES COMPOSES, DES EXTRAITS ET DES DERIVES NATURELS D'ORIGINE VEGETALE

(71) NATURAL DISINFECTANT TECHNOLOGIES [NL/NL]; Landhuis Joonchi, P.O. Box 837, Curacao (AN).

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(72, 75) DZIABO, Anthony, J. [US/US]; 21241 Avenida Nubes, Lake Forest, CA

92630 (US). DE BRUIJN, Chris [DE/NL]; Oldenkottplatz #4, D-48683 Ahaus (DE). CHRIST, F., Richard [US/US]; 650 Lombardy Lane, Laguna Beach, CA 92651 (US). VIGH, Joseph [NZ/US]; 500 Fordham Drive, Placentia, CA (US).

(74) KIRCHANSKI, Stefan, J. et al. / etc.; Reed Smith Crosby Heafey, Suite 700, 1901 Avenue of the Stars, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/78, 31/70

(11) WO 03/086443 (13) A1

(21) PCT/US03/11405

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,175 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPRAY FREEZE DRY OF COMPOSITIONS FOR INTRANASAL ADMINISTRATION

• LYOPHILISATION PAR PULVERISATION DE COMPOSITIONS POUR ADMINISTRATION INTRANASALE

(71) MEDIMMUNE VACCINES, INC. [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRUONG-LE, Vu [US/US]; 2741 Dresser Court, Campbell, CA 95008 (US). PHAM, Binh, V. [US/US]; 1507 Lilac Lane, Mountain View, CA 94043 (US). CARPENTER, John, F. [US/US]; 12478 West Bowles Drive, Littleton, CO 80127 (US).

(74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61K 38/00

(11) WO 03/086444 (13) A1

(21) PCT/US03/10443

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/117,109 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF TRANSTHYRETIN PEPTIDE/PROTEIN FUSIONS TO INCREASE THE SERUM HALF-LIFE OF PHARMACOLOGICALLY ACTIVE PEPTIDES/PROTEINS

• UTILISATION DE FUSIONS DE TRANSTHYRETINE PEPTIDE/PROTEINE DESTINEES A ACCROITRE LA DEMI-VIE SERIQUE DE PEPTIDES/PROTEINES ACTIFS AU PLAN PHARMACOLOGIQUE

(71) AMGEN INC. [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) WALKER, Kenneth; 175 Mesa Avenue, Newbury Park, CA 91320 (US). XIONG, Fei; 2757 Autumn Ridge Drive, Thousand Oaks, CA 91362 (US).

(74) ODRE, Steven, M. et al. / etc.; Amgen Inc., One Amgen Center Drive, M/S27-4-A, Thousand Oaks, CA 91320-1789 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 38/00, C07K 2/00, 4/00, 5/00, 7/00, 14/00, 16/00, 17/00, G01N 33/48, 33/00, 24/00, 33/53

(11) WO 03/086445 (13) A1

(21) PCT/US03/10489

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,239 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SERUM BIOMARKERS IN HEPATOCELLULAR CARCINOMA

• BIOMARQUEURS DE SERUM DANS UN CARCINOME HEPATOCYLLULAIRE

(71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US). THE CHINESE UNIVERSITY OF HONG KONG [CN/CN]; Shatin, New Territories (CN).

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(72, 75) YIP, Tai-Tung [US/US]; 1532 Aster Court, Cupertino, CA 95014 (US). POON,

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- (74) **BENT, Stephen, A.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Dis-trict of Columbia, WA 20007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 38/00, G01N 21/64, 33/566, C07H 21/04, C12N 15/64, 15/65
- (11) WO 03/086446 (13) A1
- (21) PCT/US03/10879
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/121,258 10 Apr/avr 2002 US (10.04.2002)
- (30) 10/209,208 29 Jul/juil 2002 US (29.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MONOMERIC AND DIMERIC FLUO-RESCENT PROTEIN VARIANTS AND METHODS FOR MAKING SAME
- VARIANTS PROTEIQUES FLUORES-CENTS MONOMERES ET DIMERES ET LEURS PROCEDES DE FABRICA-TION
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSIEN, Roger, Y.** [US/US]; 8535 Not-tingham Place, La Jolla, CA 92037 (US). **CAMPBELL, Robert, E.** [CA/US]; 8090 Regents Road, #202, San Diego, CA 92122 (US). **BAIRD, Geoffrey, S.** [US/US]; 3627 Florida Street #5, San Diego, CA 92104 (US).
- (74) **DREGER, Ginger, R.**; Heller, Ehrman, White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /
- modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 38/04, 39/395, 38/08, A61P 13/12, 9/10, 11/00
- (11) WO 03/086448 (13) A1
- (21) PCT/AU03/00415
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) PS 1606 8 Apr/avr 2002 AU (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF C5A RECEPTOR ANTAGO-NIST IN THE TREATMENT OF FIBRO-SIS
- UTILISATION D'UN ANTAGONISTE DU RECEPTEUR C5A DANS LE TRAI-TEMENT DE LA FIBROSE
- (71) **PROMICS PTY LIMITED** [AU/AU]; BUILDING 64, PHYSIOLOGY & PHAR-MACOLOGY DEPT, UNIVERSITY OF QUEENSLAND, ST LUCIA, Queensland 4072 (AU).
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- (72, 75) **TAYLOR, Stephen, Maxwell** [AU/AU]; 17 Perdita Street, Bellbird Park, Queens-land 4300 (AU). **SHIELS, Ian, Alexander** [AU/AU]; 17 Sherlock Road, Muirlea Road, Muirlea, Queensland 4306 (AU). **BROWN, Lindsay, Charles** [AU/AU]; 31 Glen Ross Road, Sinnamon Park, Queensland 4073 (AU).
- (74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 38/17, 38/22, C07K 14/435, 14/575
- (11) WO 03/086449 (13) A1
- (21) PCT/US03/11458
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/372,614 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANTI-INFLAMMATORY AND WOUND HEALING EFFECTS OF LYM-PHOID THYMOSIN β 4
- EFFETS DE CICATRISATION DE BLESSURE ET ANTI-INFLAMMA-TOIRES DE LA THYMOSINE β 4
- (71) **YALE UNIVERSITY** [US/US]; Two Whit-ney Avenue, New Haven, CT 06511 (US). **KING'S COLLEGE LONDON** [GB/GB]; Strand, London WC2R 2LS (GB).
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06443 (US). THEODORIDIS, Efstathios [GB/GB]; 9 Langdon Way, London SE1 5QN (GB).

(74) GRANAHAH, Patricia et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 38/18, 38/17, 48/00, C07K 14/475, 14/71, C12N 15/12, A61P 43/00

(11) WO 03/086450 (13) A1

(21) PCT/US03/00004

(22) 11 Apr/avr 2003 (11.04.2003)

(25) es (26) es

(30) CU2002/0076 15 Apr/avr 2002 CU (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTIVE ANTIANGIOGENIC THERAPY

• INMUNOTHERAPIE ACTIVE ANTI-ANGIOGENIQUE

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(74) POVEDA MARCHECO, Argia; Ave. 31 e/ 158 Y 190, Cubanacán, Playa., 10600 Ciudad de la Habana (CU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 38/19, 39/395, C07K 14/52, 16/24

(11) WO 03/086451 (13) A1

(21) PCT/US03/10597

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,371 7 Apr/avr 2002 US (07.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ASTHMA-RELATED ANTI-IL-13 IMMUNOGLOBULIN DERIVED PROTEINS, COMPOSITIONS, METHODS AND USES

• PROTEINES DERIVEES DE L'IMMUNOGLOBULINE ANTI IL-13 ASSOCIEES A L'ASTHME, COMPOSITIONS, PROCEDES ET UTILISATIONS ASSOCIEES

(71) CENTOCOR, INC. [US/US]; 200 Great Valley Parkway, Chester County, Malvern, , PA 19355-1307 (US).

(72) SHEALY, David; 1351 Penns Ridge Place, Dawningtown, PA 19335 (US). GRISWOLD, Don, Edgar; 205 Lower Valley Road, North Wales, PA 19454 (US). LI, Li; 1376 Stonegate Drive, Downingtown, PA 19335 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, , NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 38/19, 38/20, 38/28, 38/30, 31/715, 31/573, 45/08

(11) WO 03/086452 (13) A2

(21) PCT/US03/10779

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,747 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS OF ENHANCING LYSOSOMAL STORAGE DISEASE THERAPY

• PROCEDES PERMETTANT D'AMELIORER LE TRAITEMENT DE MALADIES LYSOSOMALES

(71) GENZYME CORPORATION [US/US]; One Kendall Square, Cambridge, MA 02139 (US).

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(72, 75) ZHU, Yunxiang [CN/US]; 10 Caulfield Road, Wayland, MA 01778 (US). CHENG, Seng, H. [US/US]; 50 Wall Street, Wellesley, MA 02481 (US).

(74) BROOK, David, E. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O.Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 39/295, G01N 33/569, A61K 39/145

(11) WO 03/086453 (13) A1

(21) PCT/IT02/00231

(22) 12 Apr/avr 2002 (12.04.2002)

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PURIFIED SUBFRAGMENT CODIFYING FOR NEUROAMINIDASE, RECOMBINANT NEUROAMINIDASE AND ITS USE IN ZOOPROPHYLAXIS

• SOUS-FRAGMENT RECODIFIE CO-DANT POUR LA NEURO-AMINIDASE, NEURO-AMINIDASE RECOMBINANTE ET SONT UTILISATION EN ZOOPROPHYLAXIE

(71) CAPUA, Ilaria [IT/IT]; Via Tiziano Vecellio, 1, I-35027 Noventa Padovana (IT).

(71, 72) MARANGON, Stefano [IT/IT]; Viale Garibaldi, 76, I-30174 Mestre (IT). CAT-TOLI, Giovanni [IT/IT]; Via Amati, 1, I-35100 Padova (IT).

(74) MAGGIONI, Claudio et al. / etc.; c/o Jacobacci & Partners, Via Berchet, 9, I-35131 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ A61K 39/385, 39/00, 39/02, 9/16, 47/36,
A61P 11/00, 31/04, 37/00 // A61K 39:102

(11) WO 03/086454 (13) A1

(21) PCT/EP03/03875

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 02076508.7 18 Apr/avr 2002 EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIGEN-LOADED CHITOSAN MI-
CROPARTICLES FOR ORAL VACCI-
NATION
• MICROPARTICULES DE CHITOSANE
CHARGÉES D'ANTIGÈNE POUR VAC-
CINATION PAR VOIE ORALE

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg
76, NL-6824 BM Arnhem (NL).
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les États désignés sauf US)

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(74) KEUS, J.A.R.; P.O. Box 31, NL-5830 AA
Boxmeer (NL).

(81) AE AG AL AU BA BB BG BR BZ CA CN
CO CR CU CZ DM DZ EC EE GD GE HR
HU ID IL IN IS JP KE KP KR LC LK LR LT
LV MA MG MK MN MX NO NZ OM PH PL
RO RU SC SG SK SN TR TT UA US VC VN
YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 39/39, 39/00, A61P 35/00, 37/04

(11) WO 03/086455 (13) A1

(21) PCT/JP03/04767

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-116132 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMMUNOADJUVANT
• IMMUNOADJUVANT

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-
shi, Saitama 351-0198 (JP). CELL-
MEDICINE, INC. [JP/JP]; 18-12, Chuo
1-chome, Ushiku-shi, Ibaraki 300-1234 (JP).

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les États désignés sauf US)

(72, 75) OHNO, Tadao [JP/JP]; 18-12, Chuo
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TSUKUBA INSTITUTE, 1-1, Koyadai
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(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 39/395, C07K 16/30, C12N 5/20,
G01N 33/574, A61P 35/00

(11) WO 03/086456 (13) A2

(21) PCT/CA03/00500

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,659 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIGENIC PROFILING OF NEO-
PLASTIC CELLS, ONCOGENIC THER-
APY UTILIZING FUNCTIONAL ANTI-
BODIES THERETO AND CYTOTOXIC
IMMUNE COMPLEXES FORMED
THEREBY

• PROFILAGE ANTIGENIQUE DE CEL-
LULES NEOPLASIQUES, THERA-
PIE ONCOGENE FAISANT APPEL A
DES ANTICORPS FONCTIONNELS
DIRIGES CONTRE LESDITES CEL-
LULES ET COMPLEXES IMMUNS
CYTOTOXIQUES AINSI FORMES

(71) ARIUS RESEARCH, INC. [CA/CA]; 55
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement

(51)⁷ A61K 39/395

(11) WO 03/086457 (13) A2

(21) PCT/CA03/00501

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,535 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF TREATING OR PRE-
VENTING AUTOIMMUNE DISEASE
• METHODE POUR ASSURER LE TRAI-
TEMENT OU LA PROPHYLAXIE DE
MALADIES AUTO-IMMUNES

(71) THE JOHN P. ROBERTS RESEARCH
INSTITUTE [CA/CA]; 100 Perth Drive,
P.O. Box 5015, London, Ontario N6A 5K8
(CA).
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les États désignés sauf US)

(72, 75) DELOVITCH, Terry, L. [CA/CA]; 100
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N6A 5K8 (CA).

(74) RAE, Patricia, A.; Sim & McBurney, 330
University Avenue, Sixth Floor, Toronto, On-
tario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
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RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 39/395, C07K 16/24

(11) WO 03/086458 (13) A1

(21) PCT/US03/11113

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,728 12 Apr/avr 2002 US
(12.04.2002)

(30) 60/371,683 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECOMBINANT ANTI-INTER-
LEUKIN-9 ANTIBODIES
• ANTICORPS ANTI-INTERLEUKINE-9
RECOMBINANTS

(71) MEDIMMUNE, INC. [US/US]; 35 West
Watkins Mill Road, Gaithersburg, MD 20878
(US). LUDWIG INSTITUTE FOR CAN-
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B-1348 Louvin-La-Neuve (BE).

(74) KLEIN, Jonathan, L. et al. / etc.; Med-
immune, Inc., 35 West Watkins Mill Road,
Gaithersburg, MD 20878 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 39/395, 38/16, C07K 14/705, 16/28

(11) WO 03/086459 (13) A1

(21) PCT/US03/11444

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,284 12 Apr/avr 2002 US
(12.04.2002)

(30) 60/381,274 17 May/mai 2002 US
(17.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS OF TREATMENT USING
CTLA-4 ANTIBODIES

• METHODES DE TRAITEMENT DANS
LESQUELLES SONT UTILISES DES
ANTICORPS DU CTLA-4

(71) MEDAREX, INC. [US/US]; 707 State Road,
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(72, 75) DAVIS, Thomas [US/US]; c/o Medarex,
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(74) WOODLEY, Samuel, S. et al. / etc.; Darby
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 41/00, A61P 17/00, 17/10

(11) WO 03/086460 (13) A2

(21) PCT/US03/10418

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,253 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH FLUENCE RATE ACTIVATION
OF PHOTOSENSITIZERS FOR DER-
MATOLOGICAL APPLICATIONS

• ACTIVANTS DE PHOTOSENSIBILI-
SANTS A DEBIT DE FLUENCE ELEVE
POUR APPLICATIONS DERMATOLO-
GIQUES

(71) CANDELA CORPORATION [US/US];
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(72, 75) GERONEMUS, Roy, G. [US/US]; 317
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High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 45/00

(11) WO 03/086461 (13) A2

(21) PCT/EP03/03892

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 17 254.4 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF SUBSTANCES FOR TREATING
TUMORS

• UTILISATION DE SUBSTANCES POUR
TRAITER DES TUMEURS

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strasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 45/00, 38/17, A61P 25/00

(11) WO 03/086462 (13) A1

(21) PCT/JP03/04120

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-95291 29 Mar/mar 2002 JP
(29.03.2002)

(30) 2002-95390 29 Mar/mar 2002 JP
(29.03.2002)

(30) 2002-95442 29 Mar/mar 2002 JP
(29.03.2002)

- (30) 2002-95486 **29 Mar/mar 2002 JP**
(29.03.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • c-Jun PHOSPHORYLATION INHIBITORS
• INHIBITEURS DE PHOSPHORYLATION C-JUN
- (71) CELESTAR LEXICO-SCIENCES, INC. [JP/JP]; Makuhari Techno Garden D17, 3, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). DAIICHI PHARMACEUTICAL CO., LTD. [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-8234 (JP).
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- (72, 75) DOI, Hirofumi [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 3, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). WADA, Naoya [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kita-kasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). NAKAJIMA, Hiroto [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP).
- (74) SHOJI, Takashi; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/00, 31/519, A61P 5/24, 15/12, 43/00, C07D 495/04
- (11) WO 03/086464 (13) A1
- (21) PCT/JP03/04554
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) ja (26) ja
- (30) 2002-111235 **12 Apr/avr 2002 JP**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PREVENTIVES/REMEDIES FOR HOT-FLASH
• AGENTS POUR PREVENIR/TRAITER LES BOUFFÉES DE CHALEUR
- (71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUSAKA, Masami [JP/JP]; 4-102-301, Gakuenhigashimachi 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2102 (JP). FURUYA, Shuichi [JP/JP]; 7-9-603, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP).
- (74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/00, 39/395, A61P 17/00, 37/06
- (11) WO 03/086463 (13) A1
- (21) PCT/JP03/04219
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) ja (26) ja
- (30) 2002-101886 **3 Apr/avr 2002 JP**
(03.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • REMEDIES FOR PEMPHIGUS CONTAINING CD40L ANTAGONIST AS THE ACTIVE INGREDIENT
• REMEDES CONTRE LE PEMPHIGUS, CONTENANT UN ANTAGONISTE DU CD40L COMME PRINCIPE ACTIF
- (71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP). EISAI CO., LTD. [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMAGAI, Masayuki [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). NISHIKAWA, Takeji [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP).
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) ja (26) ja
- (30) 2002-109992 **12 Apr/avr 2002 JP**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DRUGS FOR MYOPIA CORRECTION SURGERY
• MEDICAMENT POUR LA CHIRURGIE CORRECTRICE DE LA MYOPIE
- (71) MEI CO., LTD. [JP/JP]; 14-18, Ohama-cho 2-chome, Amagasaki-shi, Hyogo 661-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANO, Tomiya [JP/JP]; 16-1, Kita-kasugaoka 1-chome, Ibaraki-shi, Osaka 567-0048 (JP). MANO, Mayumi [JP/JP]; 16-1, Kita-kasugaoka 1-chome, Ibaraki-shi, Osaka 567-0048 (JP). SOGO, Shunji [JP/JP]; 84, Yaogi-kita 3-chome, Yao-shi, Osaka 581-0016 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 45/00, 31/47, A61P 7/02, 31/04, 43/00
- (11) WO 03/086466 (13) A1
- (21) PCT/JP03/04627
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) ja (26) ja
- (30) 2002-111247 **12 Apr/avr 2002 JP**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL THROMBOMODULIN EXPRESSION PROMOTERS
• NOUVEAUX PROMOTEURS DE L'EXPRESSION DE LA THROMBOMODULINE
- (71) KOWA COMPANY, LTD. [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460-8625 (JP). NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
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- (72, 75) OIDA, Koji [JP/JP]; 23, Shimo-aizuki, Matsuoka-cho, Yoshida-gun, Fukui 910-1104 (JP).
- (74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
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UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 45/06, 31/517, 31/519, A61P 35/00

(11) WO 03/086467 (13) A1

(21) PCT/US03/10747

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,807 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CANCER TREATMENT METHOD
COMPRISING ADMINISTERING AN
ERB-FAMILY INHIBITOR AND A RAF
AND/OR RAS INHIBITOR
• METHODE DE TRAITEMENT DU
CANCER CONSISTANT A ADMINIS-
TRER UN INHIBITEUR DE LA
FAMILLE ERB ET UN INHIBITEUR DE
RAF ET/OU DE RAS

(71) SMITHKLINE BEECHAM CORPO-
RATION [US/US]; One Franklin Plaza,
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(72, 75) SPECTOR, Neil, Lee [US/US]; c/o
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(74) LEVY, David, J. et al. / etc.; c/o Glaxo-
SmithKline, Coproate Intellectual Property
Department, Five Moore Drive, PO Box
13398, Research Triangle Park, NC 27709
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61K 47/00, 9/14, A23D 7/00, 9/00

(11) WO 03/086468 (13) A1

(21) PCT/US03/11185

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,767 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AQUEOUS DISPERSIBLE STERYL ES-
TER COMPOSITIONS
• COMPOSITIONS D'ESTERS DE STE-
RYLE AQUEUSES DISPERSIBLES

(63) US 60/371,767 (CIP)
10 Apr/avr 2002 (10.04.2002)

(71) CARGILL, INCORPORATED [US/US];
P.O. Box 5624, Minneapolis, MN
55440-5624 (US).
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(74) SKELTON, Jeffrey, J.; Cargill, Incorpo-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
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RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 47/38, 9/10, A61P 33/00, 31/40,
29/00

(11) WO 03/086469 (13) A1

(21) PCT/CN03/00202

(22) 19 Mar/mar 2003 (19.03.2003)

(25) zh (26) zh

(30) 02116210.7 19 Mar/mar 2002 CN
(19.03.2002)

(30) 02117212.9 17 Apr/avr 2002 CN
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ETHYL CELLULOSE-CONTAINING
VETERINARY SUSTAINED RELEASE
INJECTION
• INJECTION A LIBERATION SOU-
TENUE A USAGE VETERINAIRE
CONTENANT DE L'ETHYLCELLU-
LOSE

(71) ECO ANIMAL HEALTH LTD [GB/GB];
284, Chase Road, Southgate, London, N14
6-HF (GB).
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les États désignés sauf US)

(71, 72) WANG, Yuwan [CN/CN]; No. 3-506,
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Chao Yang District, 100004 Beijing (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ A61K 47/48

(11) WO 03/086470 (13) A2

(21) PCT/EP03/04039

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02008199.8 17 Apr/avr 2002 EP
(17.04.2002)

(30) 02015499.3 12 Jul/juil 2002 EP
(12.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SMAC-PEPTIDES AS THERAPEUTICS
AGAINST CANCER AND AUTOIM-
MUNE DISEASES

• PEPTIDES <I>SMAC</I> COMME
AGENTS THERAPEUTIQUES
CONTRE LE CANCER ET LES MA-
LADIES AUTO-IMMUNES

(71) DEUTSCHES KREBS-
FORSCHUNGSZENTRUM
[DE/DE]; Stiftung des öffentlichen Rechts,
In Neuenheimer Feld 280, 69120 Heidelberg
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DEBATIN, Klaus, Michael [DE/DE];
Safranberg 9, 89075 Ulm (DE). FULDA, Si-
mone [DE/DE]; Eythstr.7, 89075 Ulm (DE).

(74) ISENBRUCK, Günter; Isenbruck, Bösl,
Hörschler, Wichmann, Huhn Patenta, nwälte,
Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR

- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 47/48**
(11) **WO 03/086471** (13) A2
(21) PCT/JP03/04745
(22) **15 Apr/avr 2003 (15.04.2003)**
(25) en (26) en
(30) NO. 2002-112864 **16 Apr/avr 2002 (16.04.2002)** JP
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LIQUID PREPARATION COMPRISING CAMPTOTHECIN DERIVATIVE AND PHARMACEUTICAL COMPOSITION PRODUCIBLE BY LYOPHILIZING THE PREPARATION
• PREPARATION LIQUIDE COMPRENANT UN DERIVE DE CAMPTOTHECINE ET COMPOSITION PHARMACEUTIQUE POUVANT ETRE PREPAREE PAR LYOPHILISATION DE LA PREPARATION
- (71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ITO, Takahiro [JP/JP]; 10-1-412, Nishinomiyahama 4-chome, Nishinomiyashi, Hyogo 662-0934 (JP). NARISAWA, Shinji [JP/JP]; 15-103-102, Kamihamuro 3-chome, Takatsuki-shi, Osaka 569-1044 (JP).
- (74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 48/00, 39/395, 45/00, A61P 17/00, 43/00**
(11) **WO 03/086472** (13) A1
(21) PCT/JP03/04765
(22) **15 Apr/avr 2003 (15.04.2003)**
(25) ja (26) ja
(30) 2002-112722 **15 Apr/avr 2002 (15.04.2002)** JP
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DRUGS TO BE USED IN GENE THERAPY FOR RECESSIVELY TRANSMITTED GENETIC DISEASE

- MEDICAMENTS PREVUS POUR ETRE UTILISES EN THERAPIE GENIQUE POUR LES MALADIES GENETIQUES TRANSMISES DE MANIERE RECESSIVE
- (71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMAGAI, Masayuki [JP/JP]; c/o Keio University School of Medicine, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). NISHIKAWA, Takeji [JP/JP]; c/o Keio University School of Medicine, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). OHYAMA, Manabu [JP/JP]; c/o Keio University School of Medicine, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP).
- (74) HIROTA, Masanori; 3F, Wakabayashi Bldg., 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
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- (51)⁷ **A61K 49/00, 39/395, 39/40, 39/38, 39/02, G01N 33/53, 33/566, 33/567, C12N 3/00**
(11) **WO 03/086473** (13) A1
(21) PCT/US03/10305
(22) **4 Apr/avr 2003 (04.04.2003)**
(25) en (26) en
(30) 60/370,344 **5 Apr/avr 2002 (05.04.2002)** US
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MYCOPLASMA POLYPEPTIDES
• POLYPEPTIDES DE MYCOPLASME
- (63) US 60/370,344 (CIP)
5 Apr/avr 2002 (05.04.2002)
- (71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Ames, IA 50011-2131 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HSU, Walter, H. [US/US]; 2725 Northridge Circle, Ames, IA 50014 (US). YOUNG, Theresa, F. [US/US]; 925 Arizona Avenue, Ames, IA 50014 (US). ROSS, Richard, F. [US/US]; 4022 Stone Brook Road, Ames, IA 50010 (US). ZHOU, En-Min [CA/US]; 4612 Clemens Boulevard, Ames, IA 50014 (US).
- (74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 49/00**
(11) **WO 03/086474** (13) A2
(21) PCT/US03/10998
(22) **11 Apr/avr 2003 (11.04.2003)**
(25) en (26) en
(30) 60/372,501 **11 Apr/avr 2002 (11.04.2002)** US
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL IMAGING PROBES
• NOUVELLES SONDAS D'IMAGERIE
- (71) CARBOMER [US/US]; 6324 Ferris Square, San Diego, CA 92121 (US).
- (72, 75) YALPANI, Manssur [US/US]; 17136 Blue Skies Ridge, Rancho Santa Fe, CA 92127 (US).
- (74) SALIWANCHIK, David, R. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 51/00, 51/08, G01N 33/48, C07K 5/12, 7/08, C07H 17/08, A61K 38/08, 38/12**
(11) **WO 03/086475** (13) A1
(21) PCT/US03/11372
(22) **14 Apr/avr 2003 (14.04.2003)**
(25) en (26) en
(30) 60/371,672 **12 Apr/avr 2002 (12.04.2002)** US
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONJUGATES COMPRISING CANCER CELL SPECIFIC LIGANDS, A SUGAR AND DIAGNOSTIC AGENTS, AND USES THEREOF
• CONJUGUES COMPRENANT DES LIGANDS SPECIFIQUES A DES CELLULES CANCEREUSES, UN SUCRE ET DES AGENTS DE DIAGNOSTIC, AINSI QUE LEURS UTILISATIONS
- (71) A & D BIOSCIENCE, INC. [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOLICK, Michael, F. [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US). RAMANATHAN, Halasya [IN/US]; 183 Bemis Road, Apartment 7, Fitchburg, MA 01420 (US).

(74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 51/00

(11) WO 03/086476 (13) A1

(21) PCT/US03/08883

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/370,668 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TECHNITIUM-LABELED ROTENONE DERIVATIVES, AND METHODS OF USE THEREOF

• DERIVES DE ROTENONE A MARQUAGE AU TECHNITIUM, ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) **BIOSTREAM, INC.** [US/US]; 160 Second Street, Cambridge, MA 02142 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BABICH, John, W.** [US/US]; 438 Tilden Road, North Scituate, MA 02066 (US). **MARESCA, Kevin, P.** [US/US]; 57 Merrimack Meadow Lane, Tewksbury, MA 01876 (US).

(74) **GORDON, Dana, M.** et al. / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61L

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(21) PCT/US03/10419

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,311 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIMICROBIAL SURFACES

• SURFACES ANTIMICROBIENNES

(71) **RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK** [US/US]; 30 West Broadway, 11th floor, New York, NY 10007 (US). **PACE UNIVERSITY**

[US/US]; One Pace Plaza, New York, NY 10038 (US). **LONG ISLAND UNIVERSITY** [US/US]; 700 Northern Boulevard, Brookville, NY 11548 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGEL, Robert** [US/US]; 90 Terrace Drive, Carle Place, NY 11514 (US). **COHEN, JaimeLee, Iolani** [US/US]; 149-25 25th Avenue, Whitestone, NY 11537 (US). **FINCHER, Karin, Melkonian** [US/US]; 367 Carnation Avenue, Floral Park, NY 11001 (US).

(74) **FEIT, Irving, N.**; Hoffmann & Baron LLP, 6900 Jericho Turnpike, Syosset, N.Y. 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L 2/00, 2/18, 2/26, A62B 18/02, 23/00, A62D 9/00

(11) WO 03/086478 (13) A1

(21) PCT/IL03/00230

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 149,206 18 Apr/avr 2002 IL (18.04.2002)

(30) 10/133,691 24 Apr/avr 2002 US (24.04.2002)

(30) 10/339,886 10 Jan/jan 2003 US (10.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR INACTIVATING VIRUSES

• PROCEDE ET DISPOSITIF POUR INACTIVER DES VIRUS

(71) **THE CUPRON CORPORATION** [US/US]; Law Office of Mr. Sylavin Jakabovics, 18 East 41st Street, New York, NY 10017 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GABBAY, Jeffrey** [IL/IL]; 14/21 Jabotinsky Street, 92142 Jerusalem (IL).

(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L 2/00

(11) WO 03/086479 (13) A1

(21) PCT/US02/08260

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND APPARATUS FOR DECONTAMINATING FLUIDS

• PROCEDES ET APPAREIL DESTINES A DECONTAMINER DES FLUIDES

(71) **THROWLEIGH TECHNOLOGIES, L.L.C.** [US/US]; 315 Gilmer Ferry Road, Ball Ground, GA 30107 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PURDUM, Howard, E.** [US/US]; 2660 Hamptons Chase, Alpharetta, GA 30005 (US).

(74) **BAXTER, Stephen, G.**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 dUKE Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L 2/08, 2/10, 2/12, A01N 1/02

(11) WO 03/086480 (13) A1

(21) PCT/US02/25163

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) 09/925,620 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR STERILIZING BIOLOGICAL MATERIALS

• PROCEDES DESTINES A STERILISER DES MATIERES BIOLOGIQUES

(71) **CLEARANT, INC.** [US/US]; 11111 Santa Monica Boulevard, Suite 650, Los Angeles, CA 90025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIEKKA, Shirley, I.** [US/US]; 11905 Clover Knoll Road, Gaithersburg, MD 20878 (US). **BURGESS, Wilson** [US/US]; 12824 Great Oak Lane, Clifton, VA 20124 (US). **GRIKO, Yuri** [RU/US]; 933 Hillside Lake Terrace, # 122, Gaithersburg, MD 20879 (US). **DROHAN, William, N.** [US/US]; 8417 Oakford Drive, Springfield, VA 22152 (US). **MACPHEE, Martin, J.** [CA/US];

- 9971 Lake Landing Road, Montgomery Village, MD 20886 (US). MANN, David, M. [US/US]; 7430 British Drive, Gaithersburg, MD 20879 (US).
- (74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 2/18
- (11) WO 03/086481 (13) A1
- (21) PCT/US03/10651
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10/116,393 4 Apr/avr 2002 US (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CARTRIDGE HOLDER FOR AUTOMATED REPROCESSOR
- PORTE CARPULE POUR UN SYSTEME DE DECONTAMINATION
- (71) STERIS INC. [US/US]; 43425 Business Park Drive, Temecula, CA 92590 (US).
- (72) HALSTEAD, Eric; 246 rue Certon, Beauport, Quebec G1B 3N8 (CA). COULOMBE, Serge; 169 Place Marcel-Bedard, Boischatel, Quebec G0A 1H0 (CA).
- (74) KOCOVSKY, Thomas, E., Jr. et al. / etc.; 7th Floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 2/28, 2/08, 2/24
- (11) WO 03/086482 (13) A2
- (21) PCT/US03/10773
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 10/120,852 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STERILIZER MONITORING AND CONTROLLING SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE COMMANDE ET DE CONTROLE DE STERILISATEUR
- (71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
- (72) BRAFFORD, Robert, W.; 17572 W. Windslow Drive, Grayslake, IL 60030 (US). KAPUSTYAN, Alexander; 1548 Belle Haven Drive, Grayslake, IL 60030 (US).
- (74) KOWALIK, Francis, C et al. / etc.; One Baxter Parkway, 2-2E, Deerfield, IL 60015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ A61L 9/00, A62B 7/08, B01F 3/02, F24F 7/00, F27D 11/00, H05B 1/02, A24F 25/00
- (11) WO 03/086483 (13) A2
- (21) PCT/US03/10579
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/370,794 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AUTOMATICALLY CONTROLLING THE INTERACTION OF A MEDIUM WITH AN EXTERNAL ENVIRONMENT
- CONTROLE AUTOMATIQUE DE L'INTERACTION D'UN MILIEU AVEC UN ENVIRONNEMENT EXTERNE
- (71) E.R. ELLIS AND ASSOCIATES, INC. [US/US]; 108 Melvins End, Yorktown, VA 23693 (US).
- (74) HELFRICH, George, F.; 162 Shasta Drive, Newport News, VA 23608 (US).
- (81) AU CA CN JP KP KR MX NZ.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ A61L 9/03
- (11) WO 03/086484 (13) A1
- (21) PCT/ES02/00180
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) es (26) es
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ACTIVE SUBSTANCE EVAPORATOR
- DISPOSITIF EVAPORTEUR DE SUBSTANCES ACTIVES
- (71) DBK ESPAÑA, S.A. [ES/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Vallés, E-08290 Cerdanyola del Vallés (Barcelona) (ES).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BASAGAÑAS MILLÁN, Jordi [ES/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Vallés, E-08290 Cerdanyola del Vallés (Barcelona) (ES).
- (74) CARPINTERO LOPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 9/03
- (11) WO 03/086486 (13) A1
- (21) PCT/JP03/04922
- (22) 17 Apr/avr 2003 (17.04.2003)

- (25) ja (26) ja RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (30) 2002-115850 **18 Apr/avr 2002** JP
(18.04.2002)
- (30) 2002-278811 **25 Sep/sep 2002** JP
(25.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AROMA DIFFUSER
• DIFFUSEUR DE PARFUM
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIMIZU, Satoshi [JP/JP]; 3-801, 1-1-1, Yurinoki-dori, Okubo-cho, Akashi-shi, Hyogo 674-0068 (JP). KANBA, Takao [JP/JP]; 364-104, Imazu, Tamatsu-cho, Nishi-ku, Kobe-shi, Hyogo 651-2128 (JP). ISHIKAWA, Haruo [JP/JP]; 2-8-10, Oguradai, Kita-ku, Kobe-shi, Hyogo 651-2113 (JP). ITOU, Kiyonori [JP/JP]; 8-3, Hananomine, Nishinomiya-shi, Hyogo 669-1121 (JP).
- (74) HIGASHIMA, Takaharu et al. / etc.; HIGASHIMA PATENT OFFICE, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
- (81) CN US.
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- (51)⁷ A61L 9/03, A01M 1/20
- (11) WO 03/086487 (13) A1
- (21) PCT/US03/10358
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/371,162 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 10/267,417 **9 Oct/oct 2002** US
(09.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRICAL EVAPORATOR INCLUDING FAN AND LOUVER STRUCTURE
• EVAPORATEUR ELECTRIQUE COMPRENANT UN VENTILATEUR ET UNE STRUCTURE D'EVENT A LAMES
- (71) S. C. JOHNSON & SON, INC. [US/US]; Robert A. Miller, 1525 Howe Street, Racine, WI 53403-2236 (US).
- (72) STENICO, Filippo; Via Anzoletti 4, I-38100 Trento (IT). MARCHETTI, Fabio; Via Paho 18, I-38050 Povo (IT). DEFLO-RIAN, Stefano; Via dei Castori 41/5, I-38040 Martignano (IT). FRISANCO, Alessandro; Via Nogarole 22, I-38049 Vigolo Vattaro (IT). BALDESSARI, Stefano; Via Roma 29, I-38052 Caldonazzo (IT). CAMPEDELLI, Paolo; Via Divisione Aqui, 34, I-38065 Mori (IT). PEDROTTI, Andrea; Via Piano Sarca 13, I-30070 Pietramurata (IT).
- (74) MILLER, Robert, A. et al. / etc.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 9/12
- (11) WO 03/086489 (13) A1
- (21) PCT/CH03/00255
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) en (26) en
- (30) 60/373,092 **16 Apr/avr 2002** US
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DISPOSABLE AIR TREATMENT DEVICE
• DISPOSITIF JETABLE POUR LE TRAITEMENT DE L'AIR
- (71) GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Colin [GB/GB]; 5 Clandon Avenue, Egham, Surrey TW20 8LP (GB). GOHIL, Kishen [GB/GB]; 21 Consfield Avenue, New Malden, Surrey KT3 6HB (GB). NAISH, Guy, Edward [GB/GB]; 123 Coopers Green, Bicester, Oxfordshire OX26 4US (GB).
- (74) GIVAUDAN SCHWEIZ AG; McStea John Anthony, Ueberlandstrasse 138, CH-8600 Duebendorf (CH).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ A61L 9/12, 9/04, A01M 1/20, 13/00, A01N 25/18
- (11) WO 03/086490 (13) A1
- (21) PCT/GB03/01483
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 0208028.1 **6 Apr/avr 2002** GB
(06.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MICROPOROUS MEMBRANE AIR FRESHENING DEVICE
• DISPOSITIF DESODORISANT POUR AIR A MEMBRANE MICROPOREUSE
- (71) INOVAIR LIMITED [GB/GB]; 58 Michelham Gardens, Strawberry Hill, London TW1 4SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAAT, Huib [GB/GB]; 58 Michelham Gardens, Strawberry Hill, London TW1 4SB (GB).
- (74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ A61L 15/00
- (11) WO 03/086491 (13) A2
- (21) PCT/US03/11364
- (22) 10 Apr/avr 2003 (10.04.2003)

- (25) en (26) en
- (30) 10/119,477 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 10/127,523 **22 Apr/avr 2002** US
(22.04.2002)
- (30) 10/133,885 **26 Apr/avr 2002** US
(26.04.2002)
- (30) 60/393,958 **5 Jul/juil 2002** US
(05.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TISSUE DEFECT DRESSINGS COMPRISING PROTEINACEOUS NETWORKS
• PANSEMENTS POUR ANOMALIE TISSULAIRE COMPRENANT DES RESEAUX PROTEIQUES
- (71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5166 (US).
- (72) VAN DYKE, Mark, E.; 8507 Percheron Circle, Fair Oaks Ranch, TX 78015 (US).
- (74) MORRIS, Paula, D.; Paula D. Morris & Associates, P.C., Suite 360, 10260 Westheimer, Houston, TX 77042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 15/46, A01N 59/16, 37/36
- (11) WO 03/086492 (13) A1
- (21) PCT/FR03/01194
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) fr (26) fr
- (30) 02/04665 **15 Apr/avr 2002** FR
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF METALLIC GLUCONATE SALTS IN THE PRODUCTION OF ANTIMICROBIALY ACTIVE SUBSTRATES
• UTILISATION DE SELS METALLIQUES DU GLUCONATE POUR LA FABRICATION DE SUBSTRATS A ACTIVITE ANTIMICROBIENNE
- (71) GEORGIA-PACIFIC FRANCE [FR/FR]; 11 Route Industrielle, F-68320 KUNHEIM (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRET, Bruno [FR/FR]; 16 Rue de Neufeld, F-68920 WINTZENHEIM (FR). ROUSSIN-MOYNIER, Yves [FR/FR]; 4 Rue André Malraux, F-68920 WINTZENHEIM (FR). BOURGEOIS, Michel [FR/FR]; 13 Rue de Montbrillant, F-69003 LYON (FR). NORMAND, Xavier [FR/FR]; La Croix Matillon, F-69770 MONTROTIER (FR).
- (74) NEVANT, Marc et al. / etc.; Cabinet Beau de Lomenie, 158, Rue de l'Université, F-75340 PARIS Cedex 07 (FR).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ A61L 15/60, C08F 290/14, 290/06, A61K 6/10
- (11) WO 03/086493 (13) A1
- (21) PCT/US03/09556
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 10/121,518 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GEL MATERIALS, MEDICAL ARTICLES, AND METHODS
• GELS, ARTICLES MEDICAUX ET PROCEDES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) ABUELYAMAN, Ahmed, S.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BURTON, Scott, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). FANSLER, Duane, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). GADDAM, Babu, N.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). HATTAM, Paul; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). KAVANAGH, Maureen, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). LEWANDOWSKI, Kevin, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SEILER, Peter, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). STICKELS, Steven, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) LAMBERT, Nancy, M. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ A61L 24/10
- (11) WO 03/086494 (13) A1
- (21) PCT/US03/10413
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,600 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STORAGE STABLE LIQUID SEALER PROTEIN COMPLEX
• COMPLEXE PROTEIQUE DE PRODUIT D'ETANCHEITE LIQUIDE STABLE AU STOCKAGE
- (71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US). BAXTER HEALTHCARE S.A. [CH/CH]; Hertistrasse 2, CH-8306 Wollisellen (CH).
- (72) NEWTON, Colin, John; 9100 Duarte Road #212, San Gabriel, CA 91775 (US). SEELICH, Thomas; Jacquingasse 2/23, A-1030 Vienna (AT).
- (74) GUTHRIE, Janice et al. / etc.; Baxter Healthcare Corporation, P.O. Box 15210, Irvine, CA 92623-5210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/04, 27/30, 27/06, 27/54
- (11) WO 03/086495 (13) A1
- (21) PCT/SE03/00575
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 2002 00515 **9 Apr/avr 2002** DK
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEDICAL PROSTHETIC DEVICES HAVING IMPROVED BIOCOMPATIBILITY
• DISPOSITIFS MEDICAUX PROTHETIQUES PRESENTANT UNE BIOCOMPATIBILITE AMELIOREE
- (71) ASTRA TECH AB [SE/SE]; Aminogatan 1, S-431 21 Mölndal (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELLINGSEN, Jan, Eirik [NO/NO]; Caroline Overlandsvei 12 A, N-1356 Bekkestua (NO). LYGSTADAAS, Staale, Petter [NO/NO]; Haakonsvei 5, N-1450 Nesoddtangen (NO).
- (74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) EE ES FI

(Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61L 31/08, 31/16, 31/10

(11) WO 03/086496 (13) A1

(21) PCT/DE03/01095

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 102 16 971.3 16 Apr/avr 2002 DE (16.04.2002)

(30) 60/373,148 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICAL IMPLANT, PREFERABLY A STENT, AND METHOD FOR PRODUCING THE SAME

• IMPLANT MEDICAL, DE PREFERENCE STENT, ET PROCEDE DE FABRICATION DUDIT STENT

(71, 72) SELLIN, Lothar [DE/DE]; Keltenstr. 35, 52074 Aachen (DE). HAN, Bock-Sun [KR/DE]; Burgstr. 84, 52074 Aachen (DE).

(72, 75) ALBERT, Jürgen [DE/DE]; Stresemannstr. 66, 76187 Karlsruhe (DE).

(74) CASTELL, Klaus et al. / etc.; Liermann-Castell, Gutenbergstrasse 12, 52349 Düren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61L 31/16, A61K 31/506

(11) WO 03/086497 (13) A1

(21) PCT/IB03/01230

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/373,107 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRUG ELUTING VASCULAR STENT AND METHOD OF TREATING HYPERPROLIFERATIVE VASCULAR DISEASE

• STENT VASCULAIRE ELUANT UN MEDICAMENT ET PROCEDE DE TRAITEMENT D'UNE MALADIE VASCULAIRE HYPERPROLIFERATIVE

(71, 72) MOUSSA, Issam [US/US]; 1755 York Avenue, Apt. 32J, New York, NY 10128 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M

(11) WO 03/086498 (13) A2

(21) PCT/IL03/00323

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/372,804 17 Apr/avr 2002 US (17.04.2002)

(30) 60/388,758 17 Jun/juin 2002 US (17.06.2002)

(30) 60/407,951 5 Sep/sep 2002 US (05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENDOSCOPE STRUCTURES AND TECHNIQUES FOR NAVIGATING TO A TARGET IN BRANCHED STRUCTURE

• STRUCTURES ET TECHNIQUES ASSOCIEES A UN ENDOSCOPE PERMETTANT DE NAVIGUER JUSQU'A UNE CIBLE DANS UNE STRUCTURE RAMIFIEE

(71) SUPER DIMENSION LTD. [IL/IL]; P.O.Box 2045, 46120 Herzelia (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILBOA, Pinhas [IL/IL]; 8 Tzidkiyahu St., 34409 Haifa (IL).

(74) FRIEDMAN, Mark, M.; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M

(11) WO 03/086499 (13) A2

(21) PCT/US03/10756

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,005 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SAFETY INTRAVENOUS CATHETER ASSEMBLY

• ENSEMBLE CATHETER INTRAVEINEUX DE SECURITE

(71) ALBANY MEDICAL COLLEGE [US/US]; 47 New Scotland Avenue, Albany, NY 12208-3479 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GREENE, Elliot [US/US]; 730 Meadowdale Road, Altamont, NY 12009 (US).

(74) PASCARELLA, David et al. / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M

(11) WO 03/086500 (13) A2

(21) PCT/US03/11128

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,314 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PATIENT COMFORT APPARATUS AND SYSTEM

• SYSTEME ET DISPOSITIF POUR RE-CHAUFFER UN PATIENT

(71) ARIZANT HEALTHCARE INC [US/US]; 10393 West 70th Street, Eden Prairie, MI 55344 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUGUSTINE, Scott, D. [US/US]; 9017 Cavell Circle, Bloomington, MN 55438 (US). ANDERSON, Thomas, Peter [US/US]; 13289 Alabama Avenue South, Savage, MN 55378 (US). ARNOLD, Randall, Charles [US/US]; 14810 McGinty Road West, Minnetonka, MN 55391 (US).

(74) MEADOR, Terrance, A.; Incaplaw, 1050 Rosecrans Street, Suite K, San Diego, CA 92106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M

(11) WO 03/086501 (13) A2

(21) PCT/US03/11149

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,432 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STABILIZING SURGICAL DELIVERY APPARATUS AND METHOD OF USE

• STABILISATEUR CHIRURGICAL D'IMPLANTATION ET METHODE D'UTILISATION

(71) EVA CORPORATION [US/US]; c/o Hugh H. Trout, III, M.D., 8218 Wisconsin Avenue, Suite 204, Bethesda, MD 20814 (US).

(72) TROUT, Hugh, H., III; 8218 Wisconsin Avenue, Suite 204, Bethesda, MD 20814 (US). PATTERSON, Frank; 18 Juniper Ridge Road, Exeter, NH 03833 (US).

(74) COULBY, John, N. et al. / etc.; Collier Shannon Scott, PLLC, 3050 K Street, N.W., Suite 400, Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M

(11) WO 03/086502 (13) A2

(21) PCT/US03/11284

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,742 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICES AND METHODS FOR TRANSLUMINAL OR TRANSTHORACIC INTERSTITIAL ELECTRODE PLACEMENT

• DISPOSITIFS ET TECHNIQUES DE PLACEMENT D'ELECTRODE TRANSLUMINALE OU INTERSTITIELLE TRANSTHORACIQUE

(71) TRANSVASCULAR, INC. [US/US]; 1505-D Adams, Menlo Park, CA 94025 (US).

(72) LAMSOM, Theodore, C.; 2172 Camino Brazos, Pleasanton, CA 94566 (US). MAKOWER, Joshua; 450 Tyndall Street, Los Altos, CA 94022 (US). FLAHERTY, J., Christopher; 242 Ipswich Road, Topsfield, MA 01983 (US).

(74) BUYAN, Robert, D. et al. / etc.; Stout, Uxa, Buyan & Mullins LLP, 4 Venture, Suite 300, Irvine, CA 92618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 1/36

(11) WO 03/086503 (13) A2

(21) PCT/CA03/00538

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,153 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTROCARDIOGRAPHIC ASPECTS OF CHF TREATMENT

• ASPECTS ELECTROCARDIOGRAPHIQUES DU TRAITEMENT DE L'INSUFFISANCE CARDIAQUE CONGESTIVE

(71) VASOGEN IRELAND LIMITED [IE/IE]; Shannon Airport House, Shannon, Co., Clare (IE).

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(72, 75) SMITH, Eldon, R. [CA/CA]; Unit 16, 1901 Varsity Estates Drive N.W., Calgary, Alberta T3B 4T7 (CA). TORRE-AMIONE, Guillermo [MX/US]; 110 Bellaire Court, Bellaire, TX 77401-4219 (US).

(74) JOACHIM, Roland, H. et al. / etc.; Ridout & Maybee LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61M 1/36

(11) WO 03/086504 (13) A2

(21) PCT/US03/10189

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/120,684 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESS DISCONNECTION SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE DETECTION DE DECONNEXION D'ACCES

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

(72) HAN, James; 4511 Bardsdale Drive, Palm Harbor, FL 34685 (US). HARTRANFT, Thomas; 2658 Meadowood Drive, Clearwater, FL 33761 (US). KELLY, Thomas; 10403 Green Links Drive, Tampa, FL 33626

- (US). **LASSO, Angel**; 10637 Weybridge Drive, Tampa, FL 33626 (US).
- (74) **REAGEN, Joseph et al.** / etc.; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/36**
- (11) **WO 03/086505** (13) A1
- (21) PCT/US03/10190
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) en (26) en
- (30) 10/121,006 **10 Apr/avr 2002 (10.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ACCESS DISCONNECTION SYSTEMS AND METHODS
- SYSTEMES ET PROCEDES DE DETECTION DE DECONNEXION D'ACCES
- (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).
- (72) **WARIAR, Ramesh**; 12205 Coldstream Lane, Tampa, FL 33626 (US). **HAN, James**; 4511 Bardsdale Drive, Palm Harbor, FL 34685 (US). **LAMBERSON, George**; 3422 Ellington Way, New Port Richey, FL 34655 (US). **HARTRANFT, Thomas**; 2658 Meadowwood Drive, Clearwater, FL 33761 (US). **FALKVALL, Thore**; Thorildsgatan 2, S-25440 Helsingborg (SE).
- (74) **REAGEN, Joseph et al.** / etc.; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 3/00**
- (11) **WO 03/086507** (13) A1
- (21) PCT/KR02/00614
- (22) **9 Apr/avr 2002 (09.04.2002)**
- (25) ko (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INDWELLING FECAL DIVERTING DEVICE
- DISPOSITIF A DEMEURE DE DEVIATION DES MATIERES FECALES
- (71, 72) **KIM, Jae, Hwang** [KR/KR]; 103-402, Yeongnam Apt., Jisan-dong, Suseong-gu, Daegu 706-090 (KR).
- (74) **BAEK, Hong, Kee**; 543, Namsan-dong, Chung-gu, Daegu 700-442 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/36, 5/168, 1/16, G01N 27/403, 33/487**
- (11) **WO 03/086506** (13) A1
- (21) PCT/US03/10198
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) en (26) en
- (30) 10/117,947 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEDICAL DEVICES
- INSTRUMENTS MEDICAUX
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MI 55311-1156 (US).
- (72) **MORECI, Steve**; 80 Adin Street, Hopedale, MA 01747 (US).
- (74) **GAGEL, John, J.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 5/168, 1/28**
- (11) **WO 03/086509** (13) A1
- (21) PCT/US03/11090
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) 60/371,894 **11 Apr/avr 2002 (11.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR DELIVERING A TARGET VOLUME OF FLUID
- SYSTEME ET PROCEDE DE DISTRIBUTION D'UN VOLUME CIBLE DE FLUIDE
- (71) **DEKA PRODUCTS LIMITED PARTNERSHIP** [US/US]; 340 Commercial Street, Manchester, NH 03102 (US).
- (72) **DISTLER, Carl, Ray**; 5001 Sunset Bluff, Huntsville, AL 35803 (US). **DISTLER, Gregory, Lee**; 9503 Hemlock Drive, Huntsville, AL 35803 (US). **DEMERS, Jason, A.**; 387 North Bay Street, Manchester, NH 03104 (US). **SPENCER, Geoffrey, P.**; 40 Fogg Court, Manchester, NH 03104 (US). **BRYANT, Robert**; 222 Blucher Street, Manchester, NH 03102 (US).
- (74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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-
- (51)⁷ A61M 5/30
- (11) WO 03/086510 (13) A1
- (21) PCT/CA03/00516
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 2,380,671 5 Apr/avr 2002 CA (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NEEDLELESS SYRINGE FOR THE SUBCUTANEOUS INJECTION OF DROPLETS OF LIQUID SUBSTANCES
- SERINGUE SANS AIGUILLE POUR L'INJECTION SOUS-CUTANEE DE GOUTTELETTES DE SUBSTANCES LIQUIDES
- (71) UNIVERSITE DE SHERBROOKE [CA/CA]; 2500, boulevard de l'Université, Sherbrooke, Québec J1K 2R1 (CA).
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- (72, 75) BROUILLETTE, Martin [CA/CA]; 1580, rue John-Griffith, Sherbrooke, Québec J1J 4L4 (CA). DUFRESNE, Stéphane [CA/CA]; 3764, rang Saint-Martin, Saint-Félix de Valois, Québec J0K 2M0 (CA).
- (74) BROUILLETTE, Robert et al. / etc.; Brouillette Kosie Prince, 25th Floor, 1100 René Lévesque Blvd West, Montreal, Quebec, H3B 5C9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/31
- (11) WO 03/086511 (13) A1
- (21) PCT/SE03/00588
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 0201142-7 16 Apr/avr 2002 SE (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SYSTEM AND A METHOD FOR MODIFICATION OF A DEVICE AND A DEVICE SUITABLE FOR MODIFICATION
- PROCEDE ET SYSTEME DE MODIFICATION D'UN DISPOSITIF ET DISPOSITIF APPROPRIÉ A CETTE MODIFICATION
- (71) PHARMACIA AB [SE/SE]; S-112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HJERTMAN, Birger [SE/SE]; Svärdslijevägen 186, S-162 43 Vällingby (SE). HIMBERT, Hans [SE/SE]; Tacitusvägen 28, S-168 56 Bromma (SE). PAVLU, Bohdan [SE/SE]; Terrassvägen 3, S-131 41 Nacka (SE). GENETAY, Kerstin [SE/SE]; Hvilan, S-178 93 Drottningholm (SE).
- (74) ELWE, Magnus et al. / etc.; Pharmacia AB, Patentavdelningen, S-112 87 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61M 5/315, 5/24
- (11) WO 03/086512 (13) A1
- (21) PCT/CH03/00239
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) de (26) de
- (30) 638/02 17 Apr/avr 2002 CH (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICE FOR ADMINISTERING AN INJECTABLE PRODUCT
- DISPOSITIF D'ADMINISTRATION D'UN PRODUIT INJECTABLE
- (71) TECPHARMA LICENSING AG [CH/CH]; Brunnmattstrasse 6, CH-3401 Burgdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIRCHHOFFER, Fritz [CH/CH]; Wassermatt, CH-3454 Sumiswald (CH).
- (74) TECPHARMA LICENSING AG; Brunnmattstrasse 6, CH-3401 Burgdorf (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/32, 5/28
- (11) WO 03/086513 (13) A1
- (21) PCT/NL03/00278
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) nl (26) en
- (30) 1020402 16 Apr/avr 2002 NL (16.04.2002)
- (30) 1021132 23 Jul/juil 2002 NL (23.07.2002)
- (30) 60/426,043 13 Nov/nov 2002 US (13.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SUCTION AND INJECTION ASSEMBLY
- ENSEMBLE D'ASPIRATION ET D'INJECTION
- (71) MEDICAL PATENTS LTD. [—/—]; P.O.Box 626, National Westminster House, Le Truchot St. Peter Port, GY1 4PW Guernsey (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOOSSENS, Björn, Olaf [NL/NL]; 39, Hooikade, NL-2514 BK Den Haag (NL). LUCAS, Jan, Hendrik [NL/BE]; 5, Kemphaanlaan, B-2960 Brecht/St. Job (BE).
- (74) DU PONT, J.; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/32
- (11) WO 03/086514 (13) A1
- (21) PCT/US03/10383
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 60/370,590 5 Apr/avr 2002 US (05.04.2002)
- (30) 10/304,727 26 Nov/nov 2002 US (26.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SAFETY SHIELD FOR MEDICAL NEEDLES
- PROTECTION DE SECURITE POUR AIGUILLES MEDICALES
- (71) SPECIALIZED HEALTH PRODUCTS, INC. [US/US]; 585 West 500 South, Suite 200, Bountiful, UT 84010-8199 (US).

(72) **FERGUSON, F., Mark**; SPECIALIZED HEALTH PRODUCTS, INC., 585 West 500 South, Suite 200, Bountiful, UT 84010-8199 (US). **SMITH, Daniel, K.**; SPECIALIZED HEALTH PRODUCTS, INC., 585 West 500 South, Suite 200, Bountiful, UT 84010-8199 (US).

(74) **EVANS, Paul, S.**; SPECIALIZED HEALTH PRODUCTS, INC., 585 West 500 South, Suite 200, Bountiful, UT 84010-8199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/SE03/00539

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201124-5 12 Apr/avr 2002 SE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE CONSTITUTING A POWDER AIR-RAZOR
• DISPOSITIF FORMANT UN RASOIR A POUDRE A FLUX D'AIR

(71) **MICRODRUG AG** [CH/CH]; Landweg 1, CH-6052 Hergiswil NW (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MYRMAN, Mattias** [SE/SE]; Drottningholmsvägen 8 1 tr ög, S-112 42 Stockholm (SE).

(74) **AROS PATENT AB**; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 15/00

(11) WO 03/086516 (13) A1

(21) PCT/SE03/00540

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201125-2 12 Apr/avr 2002 SE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERAPEUTIC DRY POWDER PREPARATION
• PRÉPARATION THÉRAPEUTIQUE DE POUDRE SÈCHE

(71) **MICRODRUG AG** [CH/CH]; Landweg 1, CH-6052 Hergiswil NW (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MYRMAN, Mattias** [SE/SE]; Drottningholmsvägen 8 1 tr ög, S-112 42 Stockholm (SE). **NILSSON, Per-Gunnar** [SE/SE]; Danskvägen 35, S-212 29 Malmö (SE).

(74) **AROS PATENT AB**; P.O. Box 1544, SE-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 15/00

(11) WO 03/086517 (13) A1

(21) PCT/SE03/00541

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201126-0 12 Apr/avr 2002 SE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DE-AGGREGATING AND DISPERSING DRY MEDICAMENT POWDER INTO AIR
• DESAGREGATION ET DISPERSION D'UNE POUDRE MEDICAMENTEUSE SECHE DANS L'AIR

(71) **MICRODRUG AG** [CH/CH]; Landweg 1, CH-6052 Hergiswil NW (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MYRMAN, Mattias** [SE/SE]; Drottningholmsvägen 8 1 tr ög, S-112 42 Stockholm (SE).

(74) **AROS PATENT AB**; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 15/00, 11/00

(11) WO 03/086518 (13) A1

(21) PCT/US03/11147

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/119,642 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHALATION COUNTER DEVICE
• DISPOSITIF D'INHALATION

(71) **SAPPHIRE DESIGN, INC.** [US/US]; 1185 Chatfield, Winnetka, IL 60093 (US).

(72) **GREENWOOD, Mark, H.**; 524 S. Patton, Arlington Heights, IL 60005 (US). **STRAUB, Mariann, C.**; 1185 Chatfield, Winnetka, IL 60093 (US). **RODRIGUEZ, Gabriel, Jr.**; 1612 Beech Street, Spring Grove, IL 60081 (US).

(74) **HIERL, Michael, A. et al.** / etc.; OLSON & HIERL, LTD., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 25/00

(11) WO 03/086519 (13) A1

(21) PCT/US02/10745

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REINFORCED CATHETER SYSTEM
• SYSTEME DE CATHETER RENFORCE

(71) **BIOSPHERE MEDICAL** [US/US]; 1050 Hingham Street, Rockland, MA 02370 (US).

(72) GILMARTIN, Kevin; 91 Ocean Hill Drive, Kingston, MA 02364 (US).

(74) WEBB, M., Sharon et al. / etc.; Foley Hoag LLP, Patent Group, 155 Seaport Boulevard, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 25/00

(11) WO 03/086520 (13) A1

(21) PCT/US03/10071

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/117,434 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CATHETER COMPRISING A DOPPLER SENSOR FOR MEASUREMENT OF TURBULENCE OF THE BLOOD

• CATHETER POURVU D'UN CAPTEUR DOPPLER POUR LA MESURE DE LA TURBULENCE DU SANG

(71) CARDIAC PACEMAKERS, INC. [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) HALDEMAN, Paul, Craig; 40083 Montage Lane, Murrieta, CA 92563 (US).

(74) HOLLINGSWORTH, Mark, A.; Crawford Maunu PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 25/00

(11) WO 03/086521 (13) A1

(21) PCT/US03/06470

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 10/118,529 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DILATATION CATHETER WITH STIFFENING WIRE

• CATHETER DE DILATATION MUNI D'UN FIL RAIDISSEUR

(71) MEDTRONIC AVE, INC. [US/US]; IP Legal Dept., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(72) MOLONEY, Noreen; Parkmore Business Park West, Galway (IE). DUANE, Patrick, J.; Parkmore Business Park West, Galway (IE).

(74) MARESH, Catherine, C. et al. / etc.; Medtronic AVE, Inc., IP Legal Dept., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ A61M 25/01

(11) WO 03/086522 (13) A1

(21) PCT/NL03/00296

(22) 17 Apr/avr 2003 (17.04.2003)

(25) nl (26) en

(30) 1020427 18 Apr/avr 2002 NL (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A GUIDEWIRE FOR GUIDING A CATHETER

• FIL-GUIDE POUR GUIDER UN CATHETER

(71) TECHNISCHE UNIVERSITEIT DELFT [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAKKER, Nicolaas, Hylke [NL/NL]; Helmholtzstraat 54-III, NL-1098 LK Amsterdam (NL).

(74) VAN BREDA, Jacques; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 25/09

(11) WO 03/086523 (13) A1

(21) PCT/JP03/04487

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-110108 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GUIDE WIRE FOR MEDICAL TREATMENT

• FIL DE GUIDAGE POUR TRAITEMENT MEDICAL

(71) JAPAN LIFELINE CO., LTD [JP/JP]; 38-1, Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWABATA, Takashi [JP/JP]; 1-7-6, Midoricho, Hasuda-shi, Saitama 349-0104 (JP). SHIMURA, Seiji [JP/JP]; 2-28-506, Minamicho, Toda-shi, Saitama 335-0025 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61M 25/10

(11) WO 03/086524 (13) A1

(21) PCT/US03/11036

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,754 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DILATION BALLON FOR ENDOSCOPE

• BALLONNET DE DILATATION POUR ENDOSCOPE

(71) UNIVERSITY OF SOUTH FLORIDA [US/US]; 4202 East Fowler Avenue, FAO 126, Tampa, FL 33620-7900 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTHEL, JAMES, S. [US/US]; 17808 St. Lucia Isle Drive, Tampa, Florida 33647 (US).

(74) SALIWANCHIK, David, R. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 29/00

(11) WO 03/086525 (13) A1

(21) PCT/US03/10732

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/118,332 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DISTAL PROTECTION DOUBLE BALLOON CATHETER
• CATHETER A DOUBLE BALLONET DE PROTECTION DISTALE

(63) US 10/118,332 (CIP)
9 Apr/avr 2002 (09.04.2002)

(71, 72) DON MICHAEL, T., Anthony [US/US]; 4109 Sill Place, Bakersfield, CA 93306 (US).

(74) BROWDY AND NEIMARK, P.L.L.C. et al. / etc.; 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61M 37/00

(11) WO 03/086526 (13) A1

(21) PCT/US03/10570

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,819 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • IMPLANTABLE PRESSURE-ACTIVATED MICRO-VALVE
• MICROVALVE IMPLANTABLE A DE-CLENCHMENT PAR PRESSION

(71) ROSEMOUNT INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).

(72) BRODEN, David, A.; 3045 - 166th Lane NW, Andover, MN 55304 (US).

(74) CHRISTENSON, Christopher, R. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61M 39/04

(11) WO 03/086527 (13) A1

(21) PCT/SE03/00527

(22) 2 Apr/avr 2003 (02.04.2003)

(25) sv (26) en

(30) 0201054-4 8 Apr/avr 2002 SE (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A TRANSCUTANEOUS PORTAL DEVICE

- DISPOSITIF D'INTRODUCTION TRANSCUTANE

(71) TRANSCUTAN AB [SE/SE]; Björnflokevågen 35, S-162 45 Vällingby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUNDGREN, Dan [SE/SE]; Askims Kyrkväg 5, S-436 51 Hovås (SE). NYMAN, Rickard [SE/SE]; Svartbäcksgatan 41, S-753 32 Uppsala (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ A61M 39/10, 39/26

(11) WO 03/086528 (13) A1

(21) PCT/IB03/01055

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) MI2002A000819 18 Apr/avr 2002 IT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CONNECTION ELEMENT AND CONNECTING DEVICE FOR TUBES

- ELEMENT DE RACCORD ET DISPOSITIF DE RACCORD POUR TUBES

(71) GAMBRO LUNDIA AB [SE/SE]; Magistratsvagen 16, S-226 43 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARRINO, Andrea [IT/IT]; Via G. Deledda, 12, I-41037 Mirandola (IT). COLLI, Guido [IT/IT]; no.79, Via Crespellani, I-41100 Modena (IT).

(74) VILLANOVA, Massimo; Gambro Intellectual Property Department, c/o Gambro Dasco S.p.A., no.66, via Modenese, I-41036 Medolla (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 39/18, 5/14

(11) WO 03/086529 (13) A1

(21) PCT/SE03/00559

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/063,288 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DEVICE FOR MIXING MEDICAL FLUIDS, AND METHOD FOR ENABLING SUCH MIXING

- DISPOSITIF DE MELANGE DE FLUIDES MEDICAUX ET PROCEDE A CET EFFET

(71) CARMEL PHARMA AB [SE/SE]; Box 5352, S-402 28 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLEN, Claes [SE/SE]; Hästhovsgatan 4, S-518 40 Sjömarken (SE). ANDREASSON, Kjell [SE/SE]; Rödtingegatan 10B, S-426 58 Västra Frölunda (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A61M 39/20, A61J 1/20, A61M 5/32 //
A61J 1/10, A61M 39/28**
- (11) **WO 03/086530** (13) A1
- (21) PCT/SE03/00573
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 10/063,386 **17 Apr/avr 2002 US
(17.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR FLUID
TRANSFER IN AN INFUSION SYSTEM
• PROCEDE ET SYSTEME DE TRANS-
FERT DE FLUIDE DANS UN SYSTEME
A PERFUSION
- (71) **CARMEL PHARMA AB** [SE/SE]; Box
5352, S-402 28 Göteborg (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **ÅKERLUND, Roger** [SE/SE]; Byalags-
gatan 12D, S-418 74 Göteborg (SE). **AN-
DREASSON, Kjell** [SE/SE]; Rödtungegatan
10B, S-426 58 Västra Frölunda (SE).
- (74) **STRÖM & GULLIKSSON IP AB**; Sjö-
porten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **A61N**
- (11) **WO 03/086531** (13) A2
- (21) PCT/US03/11202
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) 10/121,323 **12 Apr/avr 2002 US
(12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR THE
TREATMENT OF SLEEP APNEA US-
ING BIVENTRICULAR PACING

- PROCEDE ET APPAREIL DE TRAITE-
MENT DE L'APNEE DU SOMMEIL AU
MOYEN DE STIMULATION BIVEN-
TRICULAIRE
- (71) **MEDTRONIC, INC.** [US/US]; MS LC340,
710 Medtronic Parkway NE, Minneapolis,
MN 55432 (US).
- (72) **BURNES, John, E.**; 1442 159th Avenue
Northwest, Andover, MN 55304 (US). **CHO,
Yong, K.**; 11849 65th Avenue North, Maple
Grove, MN 55369 (US).
- (74) **WOLDE-MICHAEL, Girma et al.** / etc.;
MS LC340, 710 Medtronic Parkway NE,
Minneapolis, MN 55432 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Declaration / Déclaration :
*(s) for the following designations / pour les
désignations suivantes : CA JP EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)*
-
- (51)⁷ **A61N 1/05, 1/36**
- (11) **WO 03/086532** (13) A1
- (21) PCT/US03/11201
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) 10/121,484 **12 Apr/avr 2002 US
(12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMPLANTABLE MEDICAL LEAD
WITH MOVABLE FIXATION
• DERIVATION MEDICALE IMPLAN-
TABLE AVEC FIXATION MOBILE
- (71) **MEDTRONIC, INC.** [US/US]; MS LC340,
710 Medtronic Parkway NE, Minneapolis,
MN 55432 (US).
- (72) **TRONNES, Carole, A.**; 1401 Eleanor
Avenue, St. Paul, MN 55116 (US). **SWOYER,
John, M.**; 15876 Ilex Street Northwest, An-
dover, MN 55304 (US). **GERBER, Martin,
T.**; 6384 Forestview lane, Maple Grove, MN
55369 (US).
- (74) **WOODS, Thomas, F. et al.** / etc.; MS
LC340, 710 Medtronic Parkway NE, Min-
neapolis, MN 55432 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Declaration / Déclaration :
*(s) for the following designations / pour les
désignations suivantes : EP (AT BE BG CH CY
CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR)*
-
- (51)⁷ **A61N 1/06**
- (11) **WO 03/086533** (13) A1
- (21) PCT/US03/09637
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 10/121,113 **10 Apr/avr 2002 US
(10.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AUTO ADVANCING RADIO FRE-
QUENCY ARRAY

- MATRICE RADIOFREQUENCE A
AVANCEMENT AUTOMATIQUE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US];
One SciMed Place, Maple Grove, MN 55311-
1566 (US).
- (72) **GARABEDIAN, Robert, J.**; 14 Highland
Street, Tyngsboro, MA 01879 (US). **RIOUX,
Robert, F.**; 20 Woodridge Lane, Ashland,
MA 01721 (US).
- (74) **BURSE, David, T.**; Bingham McCutchen
LLP, Three Embarcadero Center, Suite 1800,
San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A61N 1/18**
- (11) **WO 03/086534** (13) A1
- (21) PCT/US03/10337
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 10/117,457 **5 Apr/avr 2002 US
(05.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR DE-
LIVERY OF THERAPEUTIC AGENTS
• PROCEDE ET DISPOSITIF D'ADMI-
NISTRATION D'AGENTS THERAPEU-
TIQUES
- (71) **ICHOR MEDICAL SYSTEMS INC.**
[US/US]; 6310 Nancy Ridge Drive, No.107,
San Diego, CA 92121 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **BERNARD, Robert, M.** [US/US]; P.O.
Box 9960, Rancho Santa Fe, CA 92067
(US). **HANNAMAN, Andrew, W.** [US/US];
3673 Caminito Carmel Landing, San Diego,
CA 92130 (US). **BERNARD, Brady, M.**
[US/US]; P.O.Box 9960, Rancho Santa Fe,
CA 92067 (US). **MASTERTSON, Steven, P.**
[US/US]; 215 Hillcrest Drive, Leucadia, CA
92024 (US).
- (74) **WESEMAN, James, C.**; The Law Offices of
James C. Weseman, 401 West A Street, Suite
1600, San Diego, CA 92101 (US).
- (81) AU CA JP MX NZ US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
*(s) for the following designations / pour les
désignations suivantes : AU CA JP MX NZ EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PT RO SE SI SK TR)
(t) for all designations / pour toutes les
désignations*

(u) *for / pour US only / seulement*(51)⁷ A61N 1/30

(11) WO 03/086535 (13) A1

(21) PCT/US03/10644

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/117,346 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FINGER-MOUNTED ELECTROKINETIC DELIVERY SYSTEM

- SYSTEME D'ADMINISTRATION ELECTROKINETIQUE MONTE SUR UN DOIGT

(71) BIOPHORETIC THERAPEUTIC SYSTEMS, LLC [US/US]; Suite 402, 40 Speen Street, Framingham, MA 01701 (US).

(72) HENLEY, Julian, L.; Suite 216, 330 Orchard Street, New Haven, CT 06511 (US). CHANG, Kuo, Wei; 1377 Main Street, Waltham, MA 02154 (US). POTTER, Joseph; 254 Newton, P.O. Box 1117, Oak Bluffs, MA 02557 (US). GOLDBERG, Dennis, L.; 73 Meadowbrook Road, South Brookline, MA 02445 (US). DEROUIN, James, O.; 155 Caroline Drive, Taunton, MA 02780 (US).

(74) BESHA, Richard, G.; Nixon & Vanderhye, P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/362, 1/39

(11) WO 03/086536 (13) A1

(21) PCT/CA03/00496

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/117,187 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING ARRHYTHMIA DISCRIMINATION

- PROCEDE ET APPAREIL POUR ETABLIR UNE DISCRIMINATION ARYTHMIQUE

(71, 72) KLEIN, George, J. [CA/CA]; 377 Grangeover Ave., London, Ontario N6G 4K7 (CA).

(74) ORANGE, John et al. / etc.; Suite 4700, P.O. Box 48, 66 Wellington Street West, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1E6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/39

(11) WO 03/086537 (13) A1

(21) PCT/IB03/01190

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/124,037 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEFIBRILLATION SYSTEM AND METHOD DESIGNED FOR RAPID ATTACHMENT

- SYSTEME DE DEFIBRILLATION ET PROCEDE CONÇU POUR UNE FIXATION RAPIDE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) SNYDER, David, E.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). Lyster, Thomas, D.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BISHAY, Jon, M.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BARDY, Gust; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MORGAN, Carlton, B.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WOLFS, Marc, J., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) *for the following designation / pour la désignation suivante : CN*(51)⁷ A61N 1/39

(11) WO 03/086538 (13) A1

(21) PCT/US03/10838

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,922 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MRI-COMPATIBLE MEDICAL DEVICE WITH PASSIVE GENERATION OF OPTICAL SENSING SIGNALS

- DISPOSITIF MEDICAL COMPATIBLE AVEC L'IRM, A GENERATION PASSIVE DE SIGNAUX DE DETECTION OPTIQUE

(71) BIOPHAN TECHNOLOGIES, INC. [US/US]; Suite 215, 150 Lucius Gordon Drive, West Henrietta, NY 14586 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) DEAL, Jeffrey, T. [US/US]; 4835 Sawmill Road, Clarence, NY 14031 (US). GREATBATCH, Wilson [US/US]; 5935 Davison Road, Akron, NY 14001 (US).

(74) BASCH, Duane, C. et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445-2408 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61N 5/06

(11) WO 03/086539 (13) A1

(21) PCT/US03/11100

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,005 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERAPEUTIC USES OF UVA

- UTILISATIONS THERAPEUTIQUES DE RAYONS ULTRAVIOLETS A

(71, 72) WILLIAMS, Kevin, Jon [US/US]; 425 Wister Road, Wynnwood, PA 19096 (US).

(74) FRIED, Allan, H.; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A62B 1/20

(11) WO 03/086540 (13) A1

(21) PCT/EP03/03005

(22) 22 Mar/mar 2003 (22.03.2003)

(25) de (26) de

(30) 0650/02 18 Apr/avr 2002 CH
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR EVACUATING PEOPLE FROM A BUILDING

• DISPOSITIF D'EVACUATION DE PERSONNES SE TROUVANT A L'INTERIEUR D'UN BATIMENT

(71, 72) HÄFLIGER, Werner [CH/CH]; Wissenbach 209, CH-8932 Mettmenstetten (CH).

(74) LUCHS, Willi; LUCHS & PARTNER, Schulhausstrasse 12, CH-8002 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62B 17/00

(11) WO 03/086541 (13) A2

(21) PCT/US03/11387

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,988 10 Apr/avr 2002 US
(10.04.2002)

(30) 10/412,469 9 Apr/avr 2003 US
(09.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GARMENTS FOR BIOLOGICAL, CHEMICAL AND FIRE PROTECTION

• ACCESSOIRES VESTIMENTAIRES DESTINES A ASSURER UNE PROTECTION BIOLOGIQUE, CHIMIQUE ET CONTRE LE FEU

(71) INTERSPIRO, INC. [US/US]; 31 Business Park Drive, Branford, CT 06405 (US).

(72) BROOKMAN, Michael, J.; 34 Averill Place, Branford, CT 06405 (US).

(74) MORRIS, Robert, W. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A62B 17/00

(11) WO 03/086542 (13) A1

(21) PCT/US03/08630

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/121,306 12 Apr/avr 2002 US
(12.04.2002)

(30) 10/263,894 3 Oct/oct 2002 US
(03.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PERSONAL CONTAINMENT SYSTEM WITH SEALED PASSTHROUGH

• SYSTEME DE CONFINEMENT PERSONNEL A SAS ETANCHE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ODELL, Raymond; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GRAVES, Jason, A.; Post Office Box 33427, Saint Paul, MN 55133-3424 (US). AVERY, Martin, J.; Post Office Box 3427, Saint Paul, MN 55133-3427 (US).

(74) HANSON, Karl, G. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ A62B 17/00

(11) WO 03/086543 (13) A1

(21) PCT/US03/08632

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/121,306 12 Apr/avr 2002 US
(12.04.2002)

(30) 10/263,892 3 Oct/oct 2002 US
(03.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PERSONAL PROTECTIVE SUIT WITH PARTIAL FLOW RESTRICTION

• COMBINAISON PERSONNELLE DE PROTECTION A REDUCTION DE DEBIT PARTIELLE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) AVERY, Martin, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ODELL, Raymond; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GRAVES, Jason, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) HANSON, Karl, G. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ A62B 21/00

(11) WO 03/086544 (13) A1

(21) PCT/IB02/01224

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEMICAL BED DESIGN

• DISPOSITIF A LIT CHIMIQUE

(71) AFRICAN OXYGEN LIMITED [ZA/ZA]; Afro House, 23 Webber Street, Selby, 2001 Johannesburg, Gauteng Province (ZA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIID, Christoffel, Francois [ZA/ZA]; 565 Van Gogh Crescent, Moreletapark, Pretoria, 0044 Gauteng (ZA).

(74) SCHWEIZER, Adrian, Victor, van Reenen; Adams & Adams (Johannesburg Office), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62B 25/00

(11) WO 03/086545 (13) A1

(21) PCT/US03/08631

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/121,306 12 Apr/avr 2002 US (12.04.2002)

(30) 10/263,807 3 Oct/oct 2002 US (03.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POUCH FOR THE BLOWER UNIT OF A POWERED AIR PURIFYING RESPIRATOR

• POCHE POUR VENTILATEUR D'UN RESPIRATEUR A AIR PURIFIE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) AVERY, Martin, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ODELL, Raymond; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GRAVES, Jason, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GLOAG, Nicholas, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MORTIMER, Simon, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). JOHNSON, Rachael, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CURRAN, Desmond, T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) HANSON, Karl, G. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations

suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ A62C 3/06, 39/00

(11) WO 03/086546 (13) A1

(21) PCT/HU02/00177

(22) 30 Dec/déc 2002 (30.12.2002)

(25) en (26) en

(30) P 0201260 17 Apr/avr 2002 HU (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC FOAM FIRE FIGHTING EQUIPMENT ESPECIALLY USED AS FIXED INSTALLATION EQUIPMENT FOR FIRE FIGHTING OF LARGE HYDROCARBON STORAGE TANKS

• EQUIPEMENT ANTI-INCENDIE AUTOMATIQUE UTILISANT UNE MOUSSE, DESTINE TOUT PARTICULIEREMENT AUX INSTALLATIONS FIXES D'EXTINCTION DE GROS RESERVOIRS D'HYDROCARBURES

(71, 72) SZŐCS, István [HU/HU]; Edvi Illés út 35, H-1121 Budapest (HU).

(74) SÁNDOR, József; Németsvölgyi út 73/b, H-1124 Budapest (HU).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE ES GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62C 13/76

(11) WO 03/086547 (13) A1

(21) PCT/GB03/01424

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 0207911.9 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTINGUISHING FIRES

• EXTINCTION DES INCENDIES

(71) E2V TECHNOLOGIES LIMITED [GB/GB]; 106 Waterhouse Lane, Chelmsford, Essex CM1 2QU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PITTOCK, Roger, John** [GB/GB]; The Elms, Salcott, Nr. Maldon, Essex CM9 8HJ (GB).

(74) **LOVELESS, Ian, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A62D 1/00**

(11) **WO 03/086548** (13) A1

(21) PCT/US02/11750

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIRE EXTINGUISHING AGENT AND METHOD
• AGENT ET PROCEDE D'EXTINCTION D'INCENDIES

(71, 72) **ROMANOFF, David, B.** [US/US]; 20 Everett Park, New London, NH 03257 (US).

(74) **DELEAULT, Robert, R.**; Mesmer & Deleault, PLLC, 41 Brook Street, Manchester, NH 03104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A62D 3/00**

(11) **WO 03/086549** (13) A1

(21) PCT/US03/08775

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 10/120,281 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HALOCARBON ABATEMENT SYSTEM FOR A GLASS MANUFACTURING FACILITY
• SYSTEME DE REDUCTION D'HALOCARBURE POUR UNITE DE PRODUCTION DE VERRE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **DUNWOODY, Steven A.**; 4913 Castle Lakes Road, Castle Hayne, NC 28429 (US). **TAYLOR, Jeffrey E.**; 7320 Orchard Trace, Wilmington, NC 28409 (US).

(74) **ABLE, Kevin M.**; Corning Incorporated, Patent Department, SP TI 3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **A63B 23/00**

(11) **WO 03/086550** (13) A1

(21) PCT/US02/11698

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RESISTANCE MECHANISM WITH SERIES CONNECTED RESISTANCE PACKS
• MECANISME DE RESISTANCE A BLOCS RESISTANTS MONTES EN SERIE

(71) **SPIRAFLEX, INC.** [US/US]; 330 West 47th Street, Suite 201, Kansas City, MO 64112 (US).

(72) **FRANCIS, Paul, S.**; 2510 Grand Avenue, Unit 1405, Kansas City, MO 64108 (US). **NELSON, William, N.**; 814 West 59 Street, Kansas City, MO 64113 (US). **ROUSE, Teryl, K.**; 3941 Genessee, Kansas City, MO 64111 (US).

(74) **JOHNSON, Richard, R.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63B 63/08**

(11) **WO 03/086551** (13) A1

(21) PCT/US03/10458

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/118,424 **8 Apr/avr 2002 US (08.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SHOT MAKING TRAINING APPARATUS AND METHOD
• PROCEDE ET APPAREIL D'ENTRAIEMENT AU LANCER

(71, 72) **WALKER, Lenard, E., JR.** [US/US]; 1556 West Chicago Blvd., Detroit, MI 48206 (US). **KINLOW, Cedric, L.** [US/US]; 15328 Artesian, Detroit, MI 48223 (US).

(74) **PAVELKO, Douglas, V.**; MacMillan, Sobanski & Todd, LLC, 4th floor, One Maritime Plaza, Toledo, OH 43604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63B 65/10**

(11) **WO 03/086552** (13) A1

(21) PCT/KR02/00834

(22) **6 May/mai 2002 (06.05.2002)**

(25) ko (26) en

(30) 2002/18792 **6 Apr/avr 2002 KR (06.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLYING TOY
• JOUET VOLANT

(71) **HIZEAERO CO., LTD.** [KR/KR]; Rm. 302 Unbo Building 226-16, Seokchon-dong, Songpa-gu, 138-845 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Kwang-Yoon** [KR/KR]; Rm. 302 Unbo Building, 226-16, Seokchon-dong, Songpa-gu, 138-845 Seoul (KR). **YOON, Kwang-Joon** [KR/KR]; 252-602 Olympic Apt., 89, Oryun-dong, Songpa-gu, 138-787 Seoul (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, 137-874 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63B 69/36, 71/02**

(11) **WO 03/086553** (13) A1

(21) PCT/NO03/00103

(22) 27 Mar/mar 2003 (27.03.2003)

(25) no (26) en

(30) 20021677 10 Apr/avr 2002 NO
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COLLAPSIBLE GOLF NET
• FILET PLIANT POUR GOLF(71) WANNEMACHER, Richard, Stavran
[NO/NO]; Ranheimsveien 192, N-7053 Ranheim (NO).

(72, 75) WANNEMACHER, Ernst [NO/NO]; Sandefjordsvn. 12, N-3208 Sandefjord (NO).

(74) CURO AS; P.O. Box 38, N-7231 Lundamo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63C 5/048

(11) WO 03/086554 (13) A1

(21) PCT/US03/09083

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/118,638 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-METALLIC EDGE GLIDING BOARD
• PLANCHE A NEIGE EQUIPEE DE CARRES NON METALLIQUES

(71) FOUR STAR DISTRIBUTION [US/US]; 900 Calle Negocio, San Clemente, CA 92673 (US).

(72) QUATTRO, Johnny, S.; 900 Calle Negocio, San Clemente, CA 92673 (US). EBERHARDT, Jared; 256 Avenue Montalvo, Unit C, San Clemente, CA 92672 (US).

(74) HUNT, Dale, C.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A63C 11/10, 3/04

(11) WO 03/086555 (13) A1

(21) PCT/CH03/00242

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 616/02 12 Apr/avr 2002 CH
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • KNEE REST FOR A LEISURE VEHICLE
• APPUI-GENOUX POUR VEHICULES DE LOISIR

(71, 72) BOCKELMANN, Andreas [DE/CH]; Ringstrasse 47, CH-4106 Therwil (CH).

(74) BRAUN, André; Braun & Partner, Reusstrasse 22, CH-4054 Basel (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63C 19/10, E04H 17/16, E01C 13/10

(11) WO 03/086556 (13) A1

(21) PCT/FI03/00246

(22) 31 Mar/mar 2003 (31.03.2003)

(25) fi (26) en

(30) 20020705 12 Apr/avr 2002 FI
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISMOUNTABLE/COLLAPSABLE BOARD STRUCTURE
• STRUCTURE DE PANNEAU DEMONTABLE/REPLIABLE(71) VARIFORM OY [FI/FI]; Matalasalmenuja 1, FIN-00150 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VALTANEN, Jarkko [FI/FI]; Auro-rankatu 15 B 19, FIN-00100 Helsinki (FI).

(74) KANGASMÄKI, Reijo; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63F 1/00

(11) WO 03/086557 (13) A1

(21) PCT/US03/11309

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,517 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF CONDUCTING A WAGERING GAME
• PROCEDE DE CONDUITE D'UN JEU DE PARI

(71) STERLING GAMING, L.L.C. [US/US]; 3873 W. Oquendo Rd., Las Vegas, NV 89118 (US).

(72) IBBERTSON, Steven; 1895 Green Valley Parkway, Apt.111, Henderson, NV 89074 (US).

(74) MORISHITA, Robert, Ryan; Anderson & Morishita, L.L.C., Suite 102, 2725 S. Jones Blvd., Las Vegas, NV 89146 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A63F 3/00

(11) WO 03/086558 (13) A1

(21) PCT/US03/11547

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 10/123,982 16 Apr/avr 2002 US
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GAME APPARATUS AND METHOD FOR TEACHING BASKETBALL SKILLS

- APPAREIL DE JEU ET PROCEDE D'AP-
PRENTISSAGE DE TECHNIQUES DE
BASKET-BALL
- (71, 72) **SLADE, Sandy** [US/US]; 2390 Steven
Drive, Corona, CA 92879 (US).
- (74) **HARMS, Donn, K.**; Registered Patent Attor-
ney, 12702 Via Cortina, Suite 100, Del Mar,
CA 92014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A63F 5/00, 13/00, G07F 17/34**
- (11) **WO 03/086559** (13) A1
- (21) PCT/AU03/00412
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) PS 1572 **5 Apr/avr 2002 AU**
(05.04.2002)
- (30) PS 2759 **3 Jun/juin 2002 AU**
(03.06.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GAME SYSTEM
• SYSTEME DE JEU
- (71) **MAYONTEK CORPORATION PTY LTD**
[AU/AU]; C/- Property & Business Commer-
cial Lawyers, 1st Floor, 420 Toorak Road,
Toorak, Victoria 3142 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **SOKOLOV, Gary** [AU/AU]; C/- May-
ontek Corporation Pty Ltd, Property & Busi-
ness Commercial Lawyers, Level 1, 8 Alma
Road, St Kilda, Victoria 3182 (AU).
- (74) **CARROLL, John, Graham** et al. / etc.;
DAVIES COLLISON CAVE, 1 Little Collins
Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A63F 13/00, 13/08**
- (11) **WO 03/086560** (13) A1
- (21) PCT/AT03/00110
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) de (26) de
- (30) A 593/2002 **17 Apr/avr 2002 AT**
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GAME DEVICE AND METHOD FOR
DISPLAYING THE MOTION OF A
BALL
• DISPOSITIF DE JEU ET PROCEDE
POUR REPRESENTER LE PARCOURS
D'UNE BILLE
- (71) **TAB-AUSTRIA INDUSTRIE- UND UN-
TERHALTUNGSELEKTRONIK GMBH
& CO KG** [AT/AT]; Haiderstrasse 40,
A-4052 Ansfelden (AT).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **DATTL, Siegfried** [AT/AT];
Ziebergstrasse 44, A-4052 Ansfelden
(AT). **DIEPLINGER, Thomas** [AT/AT];
Friedensstrasse 32, A-4060 Leonding (AT).
KRENN, Wolfgang [AT/AT]; Goethestrasse
13, A-4020 Linz (AT).
- (74) **WILDHACK, Helmut** et al. / etc.; WILD-
HACK-JELLINEK, Landstrasser Haupt-
strasse 50, A-1030 Wien (AT).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A63H 17/267**
- (11) **WO 03/086561** (13) A1
- (21) PCT/JP03/04795
- (22) **16 Apr/avr 2003 (16.04.2003)**
- (25) ja (26) ja
- (30) 2002-116800 **18 Apr/avr 2002 JP**
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CAR MODEL
• MODELE REDUIT DE VOITURE
- (71) **KONAMI CORPORATION** [JP/JP]; 4-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-6330 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **YAMAGUCHI, Takashi** [JP/JP];
c/o KONAMI CORPORATION, 4-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-6330 (JP).
- (74) **YAMAMOTO, Koji** et al. / etc.; c/o Tokyo
Central Patent Firm, 4th Floor, Oak Build-
ing Kyobashi, 16-10, Kyobashi 1-chome,
Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A64K**
- (11) **WO 03/086563** (13) A2
- (21) PCT/US03/11034
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 60/372,717 **11 Apr/avr 2002 US**
(11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL DIABETES IMAGING PROBES
• NOUVELLES SONDÉS D'IMAGERIE
DE DIABETE
- (71) **CARBOMER** [US/US]; 6324 Ferris Square,
San Diego, CA 92121 (US).

(72, 75) **YALPANI, Manssur** [US/US]; 17136 Blue Skies Ridge, Rancho Sante Fe, CA 92127 (US).

(74) **SALIWANCHIK, David R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D**

(11) **WO 03/086564** (13) A2

(21) PCT/US03/11010

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,773 **10 Apr/avr 2002** US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REMOVAL OF ARSENIC FROM DRINKING AND PROCESS WATER
• ELIMINATION DE L'ARSENIC DANS L'EAU POTABLE ET DE TRAITEMENT

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NEVADA** [US/US]; 2601 Enterprise Road, Reno, NE 89512 (US). **EAGLE-PICHER FILTRATION AND MINERALS, INC.** [US/US]; 9685 Gateway Drive, Suite 1000, Reno, Nevada 89511 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MISRA, Manoranjan** [US/US]; 20 Scattergun Circle, Reno, NV 89509 (US). **LENZ, Peter** [US/US]; 8625 Spearhead Way, Reno, NV 89506 (US).

(74) **Doughty, Susan, K.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D**

(11) **WO 03/086565** (13) A2

(21) PCT/US03/11425

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,270 **11 Apr/avr 2002** US (11.04.2002)

(30) 10/412,604 **10 Apr/avr 2003** US (10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR CONTINUOUSLY REMOVING AIR FROM A MIXTURE OF GROUND POLYURETHANE PARTICLES AND A POLYOL LIQUID

• APPAREIL ET PROCÉDE POUR ELIMINER EN CONTINU L'AIR D'UN D'UN MELANGE DE PARTICULES DE POLYURETHANE MOULUES ET DE POLYOL LIQUIDE

(71) **MOBIUS TECHNOLOGIES, INC.** [US/US]; 355-D Crown Point Circle, Grass Valley, CA 95945 (US).

(72) **MARTEL, Bryan Louis;** 13016 Morro Drive, Nevada City, CA 95959 (US).

(74) **CASTLE, Kristin, C.;** Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D 11/02**

(11) **WO 03/086566** (13) A2

(21) PCT/EP03/04150

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) de (26) de

(30) 102 17 353.2 **18 Apr/avr 2002** DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR OBTAINING PLANT INGREDIENTS

• PROCÉDE ET DISPOSITIF PERMETTANT D'EXTRAIRE DES SUBSTANCES DE VÉGÉTAUX

(71, 72) **FOLTYS DE GARCIA, Elke** [DE/DE]; Wielandstr. 4, 99510 Ossmannstedt (DE).

(72, 75) **TETKOV, Emmerich** [DE/DE]; Wielandstr. 4, 99510 Ossmannstedt (DE).

(74) **Koepe & Partner;** Robert-Koch-Str. 1, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D 15/00, 17/00, B01J 8/02, 8/04**

(11) **WO 03/086567** (13) A1

(21) PCT/US02/10559

(22) **5 Apr/avr 2002 (05.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBINED HYDROTREATING PROCESS AND CONFIGURATIONS FOR SAME

• PROCÉDE D'HYDROTRAITEMENT COMBINE ET CONFIGURATIONS ASSOCIEES

(71) **FLUOR CORPORATION** [US/US]; One Enterprise Drive, Aliso Viejo, CA 92656-2606 (US).

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(72, 75) **STUPIN, Steven, W.** [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US). **JACOBS, Garry, E.** [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US).

(74) **FISH, Robert, D.;** Rutan & Tucker, PO Box 1950, Costa Mesa, CA 92626-1998 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B01D 15/00, 27/14, 37/00**

(11) **WO 03/086568** (13) A1

(21) PCT/US03/10170

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/119,969 **10 Apr/avr 2002** US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR REMOVAL OF IMPURITIES FROM LIQUEFIED PETROLEUM GAS

- APPAREIL ET PROCEDE POUR RETIRER DES IMPURETES D'UN GAZ DE PETROLE LIQUEFIE
- (63) US 10/119,969 (CIP)
10 Apr/avr 2002 (10.04.2002)
- (71) FUEL TREATMENT TECHNOLOGIES, LLC [US/US]; 721 Enterprise Drive, Oak Brook, IL 60523 (US).
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- (72, 75) MEMMOTT, Bryan, S. [US/US]; 480 Pinewoods Drive, Barrington, IL 60010 (US).
DAVIS, Robert, E. [US/US]; 125 Hillcrest, Hinsdale, IL 60521 (US).
- (74) LEECK, Charles, L. et al. / etc.; Godfrey & Kahn, SC, 780 North Water Street, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ B01D 15/00
(11) WO 03/086569 (13) A1
(21) PCT/US03/11278
- (22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 60/372,327 12 Apr/avr 2002 US
(12.04.2002)
(30) 10/159,003 31 May/mai 2002 US
(31.05.2002)
(30) 10/261,031 30 Sep/sep 2002 US
(30.09.2002)
(30) 10/351,717 27 Jan/jan 2003 US
(27.01.2003)
(30) 10/409,829 9 Apr/avr 2003 US
(09.04.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MULTICOLUMN SELECTIVITY INVERSION GENERATOR FOR PRODUCTION OF ULTRAPURE RADIONUCLIDES
• GENERATEUR MULTICOLONNES A INVERSION DE SELECTIVITE POUR LA PRODUCTION DE RADIONUCLIDES ULTRAPURS
- (71) PG RESEARCH FOUNDATION [US/US]; 8205 South Cass Avenue, Suite 111, Darien, IL 60561 (US).
- (72) HORWITZ, Philip, E.; 854 Huntleigh Dr., Naperville, IL 60540 (US). BOND, Andrew, H.; 1305 Caribou Lane, Hoffman Estates, IL 60192 (US).
- (74) GATSON, Edward, P. et al. / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 17/038, 21/26
(11) WO 03/086570 (13) A1
(21) PCT/GB03/01253
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) 02252502.6 8 Apr/avr 2002 EP
(08.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SEPARATOR
• SEPARATEUR
- (71) COOPER CAMERON CORPORATION [US/US]; Suite 1700, 1333 West Loop South, Houston, TX 77027-9109 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOPPER, Hans, Paul [GB/GB]; Hillhouse, Whiterashes, Aberdeenshire AB21 0QL (GB).
- (74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 17/038, 35/01, B04B 3/00
(11) WO 03/086571 (13) A1
(21) PCT/US02/11318
(22) 12 Apr/avr 2002 (12.04.2002)
(25) en (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS OF IMPROVING CENTRIFUGAL FILTRATION
• PROCEDES POUR AMELIORER UNE FILTRATION CENTRIFUGE
- (71, 72) YOON, Roe-Hoan [US/US]; 2909 Wakefield Drive, Blacksburg, VA 24060 (US). ASMATULU, Ramazan [TR/US]; 907 Mason Drive, Blacksburg, VA 24060 (US).
- (74) PERREAULT, Donald J., et al. / etc.; Grossman, Tucker, Perreault & Pfleger, PLLC, 795 Elm Street, Suite 604, Manchester, NH 03101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 17/12
(11) WO 03/086572 (13) A1
(21) PCT/US03/12663
(22) 3 Apr/avr 2003 (03.04.2003)
(25) en (26) en
(30) 10/063,259 4 Apr/avr 2002 US
(04.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MULTI-PROCESS DISINFECTANT DELIVERY CONTROL SYSTEM
• SYSTEME MULTIPROCESSUS DE COMMANDE DE DISTRIBUTION DE DESINFECTANT
- (71) AGRIMOND, LLC [US/US]; 8910 Astronaut Blvd., Cape Canaveral, FL 32920 (US).
- (72) TERAN, Alfredo, J.; 808 W. Central Blvd., Cape Canaveral, FL 32920 (US). WOOD,

- Richard, G.;** 255 Banana Blvd., Merritt Island, FL 32953 (US). **SAMAD, Nidal, A.;** 1050 Diamond Head Drive, Merritt Island, FL 32953 (US). **TYNDALL, Timothy, N.;** 95 Catalina Isle Drive, Merritt Island, FL 32953 (US). **WILLOUGHBY, Wesley, Todd;** 1233 Potomac Drive, Merritt Island, FL 32952 (US).
- (74) **HOPEN, Anton, J.;** Smith & Hopen, P.A., Suite 220, 15950 Bay Vista Drive, Clearwater, FL 33760 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 19/00, C02F 1/20**
- (11) **WO 03/086573** (13) A1
- (21) PCT/US03/10546
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 60/370,240 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LIQUID DEGASSING SYSTEM FOR POWER PLANT SYSTEM LAYUP
- SYSTEME DE DEGAZAGE DE LIQUIDE MIS EN OEUVRE PENDANT LA FERMETURE TEMPORAIRE DE SYSTEMES DE CENTRALES NUCLEAIRES
- (71) **DOMINION ENGINEERING, INC.** [US/US]; 11730 Plaza America Drive, Reston, VA 20190 (US).
- (72) **VARRIN, JR., Robert, D.;** 12182 Chancery Station Circle, Reston, VA 20190 (US). **KANEDA, Sotaro;** 1-2-1, Kasiwaoka, Makomanai, Sapporo, Hokkaido 005-0022 (JP).
- (74) **BARUFKA, Jack, S. et al. / etc.;** Pillsbury Winthrop LLP, P.O. Box 10500, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 21/26, 21/30, B04B 7/08, 7/12, 11/00, A61M 1/38**
- (11) **WO 03/086574** (13) A1
- (21) PCT/US03/08830
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 10/118,291 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BLOOD COMPONENT SEPARATION METHOD AND APPARATUS
- PROCEDE ET APPAREIL DE SEPARATION DES COMPOSANTS DU SANG
- (71) **THERMOGENESIS CORP.** [US/US]; 3146 Gold Camp Drive, Rancho Cordova, CA 95670 (US).
- (72) **COELHO, Philip, H.;** 3146 Gold Camp Drive, Rancho Cordova, CA 95670 (US). **SOMMER, Eric;** 11159 Tuskett River Drive, Rancho Cordova, CA 95670 (US). **KLOSINSKI, Richard;** 3200 Kaiser Way, Carmichael, CA 95608 (US). **HOBBS, Jim;** 3961 Maudray Way, Carmichael, CA 95608 (US). **RUBENSTEIN, Pablo;** 310 East 67th Street, New York, NY 10021 (US).
- (74) **KRETEN, Bernhard;** Bernhard Kreten, Esq. & Associates, 300 Capitol Mall, Suite 1100, Sacramento, CA 95814 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)⁷ **B01D 24/10, C02F 1/28**
- (11) **WO 03/086575** (13) A1
- (21) PCT/US03/10942
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/371,005 **8 Apr/avr 2002 (08.04.2002)** US
- (30) 10/406,729 **2 Apr/avr 2003 (02.04.2003)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GROUNDWATER TREATMENT SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX SOUTERRAINES
- (71, 72) **WILHELM, Steven, L.** [US/US]; 6467 NW Sumac, Corvallis, OR 97330 (US).
- (74) **KARNSTEIN, Walter, W. et al. / etc.;** Kolisch Hartwell, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 25/26**
- (11) **WO 03/086576** (13) A1
- (21) PCT/EP03/04101
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) en (26) en
- (30) 102 17 262.5 **18 Apr/avr 2002 (18.04.2002)** DE
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FILTER MODULE AND PROCESS FOR THE PRODUCTION OF A FILLED FILTER MODULE
- MODULE DE FILTRE ET PROCEDE PERMETTANT DE PRODUIRE UN MODULE DE FILTRE PLEIN
- (71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STROHM, Gerhard** [DE/DE]; Zöllerstrasse 18, 55278 Dexheim (DE). **SCHNIEDER, Georg** [DE/DE]; Hufelsheimer Strasse 51, 55545 Bad Kreuznach (DE).
- (74) **WÖSSNER, Gottfried et al. / etc.;** Uhlandstrasse 14c, 70182 Stuttgart (DE).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B01D 29/00, 37/00, 39/00, 71/00**
- (11) **WO 03/086577** (13) A1
- (21) PCT/IL03/00295
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 10/117,324 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LEUKOCYTE FILTER CONSTRUCTION AND A METHOD OF USE THEREOF
- PREPARATION D'UN FILTRE A LEUCOCYTES ET PROCEDE D'UTILISATION DE CE FILTRE
- (71) **TEVA MEDICAL LTD.** [IL/IL]; P.O.Box 2, 77100 Ashdod (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAUS, Menahem** [IL/IL]; 25 Pashosh Street, 76329 Rehovot (IL). **GAMLIELI, Yefet** [IL/IL]; 22 Havazelet Street, 70500 Kiriath Ekron (IL).
- (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.;** 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 33/03, B07B 1/46

(11) WO 03/086578 (13) A1

(21) PCT/US03/11042

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,097 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF SEPARATING LIQUID FROM LIQUID LADEN SOLID MATERIAL

• PROCEDE DE SEPARATION DE LIQUIDE D'UNE MATIERE SOLIDE CHARGEE DE LIQUIDE

(71) GENERAL KINEMATICS CORPORATION [US/US]; 777 Lake Zurich Road, P.O. Box 2010, Barrington, IL 60011 (US).

(72) CASEY, Dwight, P.; 810 North Beck, Lindenhurst, IL 60046 (US). IMES, Tobin, L.; 1388 Cotton Wood Lane, Crystal Lake, IL 60014 (US). MATHIS, Oscar L.; 962 Mayfield Street, Cary, IL 60013 (US).

(74) MATTHIAS, Brent, E.; Marshall, Gerstein & Borun, 233 S. Wacker Drive, 6300 Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 39/20, 46/00, F01N 3/02

(11) WO 03/086579 (13) A1

(21) PCT/JP03/04104

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-096554 29 Mar/mar 2002 JP (29.03.2002)

(30) 2002-096906 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CERAMIC FILTER AND EXHAUST GAS DECONTAMINATION UNIT

• FILTRE EN CERAMIQUE ET UNITE DE DECONTAMINATION DE GAZ D'ECHAPPEMENT

(71) IBIDEN CO., LTD. [JP/JP]; 1, Kanda-cho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUDO, Atsushi [JP/JP]; c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP).

(74) OGAWA, Junzo et al. / etc.; Kobikikan Ginza Bldg., 8-9, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B01D 46/00, F01N 3/00, 3/023, 3/033, 3/36

(11) WO 03/086580 (13) A1

(21) PCT/US02/40107

(22) 16 Dec/déc 2002 (16.12.2002)

(25) en (26) en

(30) 60/372,238 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR FILTERING PARTICULATE AND REDUCING NOx EMISSIONS

• APPAREIL ET PROCEDE DE FILTRATION DE PARTICULES ET DE REDUCTION D'EMISSIONS DE NOx

(71) ILLINOIS VALLEY HOLDING COMPANY [US/US]; 13105 North State Route 91, Dunlap, IL 61525 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAILEY, John, M. [US/US]; 13105 North State Route 91, Dunlap, IL 61525 (US). WALDMAN, Donald, J. [US/US]; 14409 Schlink Road, Brimfield, IL 61517 (US).

(74) MUSGRAVE, Richard, J. et al. / etc.; Husch & Eppenberger, LLC, 401 Main Street, Suite 1400, Peoria, IL 61602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B01D 46/02, 29/15

(11) WO 03/086581 (13) A1

(21) PCT/DK03/00254

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) BA200200106 15 Apr/avr 2002 DK (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A FILTER BAG AND A FILTER DEVICE PROVIDED WITH SUCH FILTER BAG

• SAC FILTRE ET DISPOSITIF DE FILTRE POURVU DE CE SAC FILTRE

(71) SIMATEK A/S [DK/DK]; Stationsvej 3, DK-4490 Jerslev Sj. (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JENSEN, Arne [DK/DK]; Bakkendrupvej 38, DK-4480 St. Fuglede (DK). CHRISTENSEN, Keld [DK/DK]; Hybenvej 19, DK-4291 Ruds Vedby (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 46/42, 46/04

(11) WO 03/086582 (13) A1

(21) PCT/US03/00830

(22) 13 Jan/jan 2003 (13.01.2003)

(25) en (26) en

(30) 10/120,743 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILTER APPARATUS

• APPAREIL DE FILTRATION

(71) DESERET LABORATORIES, INC. [US/US]; 1414 East 3850 South, St. George, UT 84791 (US).

(72) GUBLER, Scott, A.; 335 Count Fleet Road, St. George, UT 84790 (US).

(74) SEELEY, David, O. et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 47/00, 50/00, 53/78

(11) WO 03/086583 (13) A1

(21) PCT/SE03/00604

- (22) 15 Apr/avr 2003 (15.04.2003)
(25) sv (26) en
(30) 0201154-2 17 Apr/avr 2002 SE
(17.04.2002)
(30) 0201227-6 24 Apr/avr 2002 SE
(24.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • A METHOD AND APPARATUS FOR SEPARATING DUST FROM A MOIST GAS FLOW
• PROCEDE ET APPAREIL DE SEPARATION DES POUSSIÈRES CONTENUES DANS UN FLUX DE GAZ HUMIDE
(71) SVENSK RÖKGASENERGI INTRESSETER AB [SE/SE]; P.O. Box 21090, S-100 31 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GRANSTRAND, Lennart [SE/SE]; Rödabergsgatan 7, S-113 33 Stockholm (SE).
(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

- (51)⁷ B01D 49/00
(11) WO 03/086584 (13) A1
(21) PCT/US03/10917
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en

- (30) 10/121,395 12 Apr/avr 2002 US
(12.04.2002)
(30) 10/238,250 10 Sep/sep 2002 US
(10.09.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND APPARATUS FOR SEPARATING MIXTURES OF GASES USING AN ACOUSTIC WAVE
• PROCEDE ET APPAREIL POUR SEPARER DES MELANGES DE GAZ AU MOYEN D'UNE ONDE ACOUSTIQUE
(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
(72) GELLER, Drew, A.; 1785 Camino Uva, Los Alamos, NM 87544 (US). SWIFT, Gregory, W.; RR 5, Box 287-H, Santa Fe, NM 87506 (US). BACKHAUS, Scott, N.; RR4, Box 178, Espanola, NM 87532 (US).
(74) WILSON, Ray, G. et al. / etc.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ B01D 50/00, 53/26, 45/06, 45/08
(11) WO 03/086585 (13) A1
(21) PCT/US03/11349
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 10/120,725 11 Apr/avr 2002 US
(11.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • GAS/LIQUID SEPARATOR FOR A PNEUMATIC LINE
• SEPARATEUR DE GAZ/DE LIQUIDES POUR UNE CANALISATION PNEUMATIQUE
(71) MICRODYNE PRODUCTS, INC. [US/US]; Microdyne Products, Inc., 141 Millwell Drive, Maryland Heights, MO 63043 (US).
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(71, 72) WITENGIER, Julien, L. [US/US]; 4 Topwood, Manchester, MO 63011 (US).
(74) DENK, Paul, M.; Paul Denk Law Firm, 763 S. New Ballas Road, St. Louis, MO 63141 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B01D 53/047
(11) WO 03/086586 (13) A1
(21) PCT/IP03/04655
(22) 11 Apr/avr 2003 (11.04.2003)
(25) ja (26) ja
(30) 2002-112145 15 Apr/avr 2002 JP
(15.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • GAS SEPARATING METHOD
• PROCEDE DE SEPARATION DE GAZ
(71) NIPPON SANSEI CORPORATION [JP/JP]; 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
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(72, 75) URAKAMI, Tatsushi [JP/JP]; c/o Nippon Sanse Corporation, 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP). NAGASAKA, Toru [JP/JP]; c/o Nippon Sanse Corporation, 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP). KAWAI, Masato [JP/JP]; c/o Nippon Sanse Corporation, 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP). NAKAMURA, Akihiro [JP/JP]; c/o Nippon Sanse Corporation, 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

- (74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B01D 53/047
(11) WO 03/086587 (13) A1
(21) PCT/US03/09204
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 60/370,702 9 Apr/avr 2002 US
(09.04.2002)
(30) 10/269,067 11 Oct/oct 2002 US
(11.10.2002)
(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR PRESSURE SWING ADSORPTION
• PROCEDE ET APPAREIL D'ADSORPTION MODULEE EN PRESSION

(71, 72) LOMAX, Franklin, D., Jr. [US/US]; 5649 N. 5th Street, Arlington, VA 22205 (US). STREEKS, Michael, S. [US/US]; 6060 Edsall Road #102, Alexandria, VA 22304 (US).

(74) MASON, J., Derek; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 53/88, B64D 13/08

(11) WO 03/086588 (13) A1

(21) PCT/US03/10691

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/120,057 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • TUBULAR CATALYTIC POLLUTANTS REMOVAL AND PRECOOLER DEVICE
• DISPOSITIF CATALYTIQUE TUBULAIRE DE PREREFROIDISSEMENT ET D'ELIMINATION DE POLLUANTS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) LUI, Di-Jia; 55475 Arlington Avenue, Naperville, IL 60540 (US). WINSTEAD, Daniel, R.; 1012 N. Plumgrove Road, Schaumburg, IL 60173 (US). FOOR, Belinda, S.; 3021 N. Troy, Chicago, IL 60618 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B01D 59/44, H01J 49/00, 49/40

(11) WO 03/086589 (13) A2

(21) PCT/US03/10814

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,443 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MINIATURIZED SAMPLE SCANNING MASS ANALYZER

- ANALYSEUR DE MASSE MINIATURE POUR ANALYSE D'ECHANTILLONS

(71) JOHNS HOPKINS UNIVERSITY [US/US]; 3400 N. Charles Street, Baltimore, MD 21218 (US).

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(72, 75) COTTER, Robert, J. [US/US]; 100 Harborview Drive #207, Baltimore, MD 21230 (US). ENGLISH, Robert, D. [US/US]; 227 Lakeside Drive, Apt. 102, Greenbelt, MD 20770 (US). GARDNER, Benjamin, D. [US/US]; 9105 Thistlewood Road # 163, Owings Mills, MD 21117 (US).

(74) DALEY, Henry, J. et al. / etc.; Pillsbury Winthrop LLP, Post Office Box 10500, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 61/50, 63/08, C02F 1/469, B01D 65/00

(11) WO 03/086590 (13) A1

(21) PCT/US03/11067

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/121,133 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTRODEIONIZATION APPARATUS WITH RESILIENT ENDBLOCK
• APPAREIL D'ELECTRODEIONISATION PRESENTANT DES BLOCS TERMINAUX ELASTIQUES

(71) UNITED STATES FILTER CORPORATION [US/US]; Legal Department/IP Dept., 40-004 Cook Street, Palm Desert, CA 92211 (US).

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(72, 75) LIANG, Li-Shiang [US/US]; P.O. Box 35, 258 Bolton Road, Harvard, MA 01451 (US). MONTMINY, Emile, O. [US/US]; 76 East Avenue, Lowell, MA 01854 (US).

(74) GANZI, Gary, C.; IP Department, United States Filter Corporation, 75 Technology Drive, Lowell, MA 01851 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI

(Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B01D 63/02, 65/00

(11) WO 03/086591 (13) A1

(21) PCT/EP03/03954

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 137.8 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR THE PRODUCTION OF A HEADER COMPRISING A FIBER BUNDLE MADE OF OPEN-ENDED CAPILLARY MEMBRANES

- PROCEDE DE PRODUCTION D'UN EMBOU COMPRENANT UN FAISCEAU DE FIBRES CONSTITUE DE MEMBRANES CAPILLAIRES AUX EXTREMITES OUVERTES

(71) **PURON AG** [DE/DE]; Krantzstrasse 7, 52070 Aachen (DE).
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(72, 75) **VOSENKAUL, Klaus** [DE/DE]; Schlottfelder Winkel 12, 52074 Aachen (DE). **SCHÄFER, Stefan** [DE/DE]; Wildbachstrasse 49, 52074 Aachen (DE). **KULLMANN, Christoph** [DE/DE]; Pützfeldchen 10b, 52249 Eschweiler (DE).

(74) **ALBRECHT, Rainer**; Andrejewski, Honke & Sozien, Theaterplatz 3, 45127 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **B01D 63/02, 61/08, 63/04**

(11) **WO 03/086592** (13) A1

(21) PCT/JP03/04201

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) ja (26) ja

(30) 2002-101684 **3 Apr/avr 2002** JP
(03.04.2002)

(30) 2002-101683 **3 Apr/avr 2002** JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HOLLOW FIBER MEMBRANE MODULE**

• **MODULE DE MEMBRANES A FIBRES CREUSES**

(71) **TOYO BOSEKI KABUSHIKI KAISHA** [JP/JP]; 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 (JP).

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(72, 75) **KUMANO, Atsuo** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA IWAKUNI MEMBRANE PLANT, 1-1, Nada-machi, Iwakuni-shi, Yamaguchi 740-8567 (JP). **MARUI, Katsushige** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA IWAKUNI MEMBRANE PLANT, 1-1, Nada-machi, Iwakuni-shi, Yamaguchi 740-8567 (JP). **KOTERA, Hideto** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA IWAKUNI MEMBRANE PLANT, 1-1, Nada-machi, Iwakuni-shi, Yamaguchi 740-8567 (JP). **BABA, Kouichi** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0292 (JP). **MARUTANI, Makoto** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA Inuyama Plant, 344, Aza Maehata, Oaza Kottsu, Inuyama-shi, Aichi 484-8508 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D 65/02, 61/22, C02F 1/44, A23L 2/08, 2/74**

(11) **WO 03/086593** (13) A1

(21) PCT/CH03/00196

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) de (26) de

(30) 614/02 **12 Apr/avr 2002** CH
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **CROSS FLOW FILTRATION SYSTEM AND METHOD FOR LOCATING DEFECTS**

• **INSTALLATION DE FILTRATION A COURANT TRANSVERSAL ET PROCEDE DE LOCALISATION DE DEFAUTS**

(71) **BUCHER-GUYER AG** [CH/CH]; Murzlenstrasse 80, CH-8166 Niederweningen (CH).

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(72, 75) **HARTMANN, Eduard** [CH/CH]; Sandbuckstrasse 11, CH-5425 Schneisingen (CH).

(74) **ULRICH, Gerhard, H.**; Brunnenweid 55, CH-5643 Sins (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01D 69/02, 71/62, 71/40, 71/80, C08F 226/10**

(11) **WO 03/086594** (13) A1

(21) PCT/EP03/03764

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 17 440.7 **18 Apr/avr 2002** DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **USE OF HYDROPHOBICALLY MODIFIED COPOLYMERS BASED ON N-VINYL MONOMERS FOR THE PRODUCTION OF MEMBRANES**

• **UTILISATION DE COPOLYMERES A BASE DE MONOMERES N-VINYLIQUES MODIFIES HYDROPHOBES**

POUR LA PRODUCTION DE MEMBRANES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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(72, 75) **SCHNEIDER, Tanja** [DE/DE]; Nibelungenstr. 40, 64625 Bensheim (DE). **DIETSCHKE, Frank** [DE/DE]; Dreissig-Morgen-Weg 1, 69198 Schriesheim (DE). **SANNER, Axel** [DE/DE]; Lorscher Ring 2c, 67227 Frankenthal (DE). **STEIN, Stefan** [DE/DE]; Julius Cäsar Str. 28, 55286 Wörrstadt (DE). **NEUBECKER, Karin** [DE/DE]; Flomersheimer Str.36, 67227 Frankenthal (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **B01D 71/32, 67/00**

(11) **WO 03/086595** (13) A1

(21) PCT/US03/11395

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/123,074 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HYDROPHOBIC MEMBRANE MATERIALS FOR FILTER VENTING APPLICATIONS**

• **MATERIAUX DE MEMBRANES HYDROPHOBES POUVANT ETRE UTILISES POUR DES FILTRES D'AERATION**

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(72) **WANG, I-fan**; 12037 Mil Pitrero Road, San Diego, CA 92128 (US). **MC DONOGH, Richard**; 4141 Worsch Way, San Diego, CA 92130 (US). **RUDOLPH, James, E., Jr.**; 3016 Greystone Drive, Pace, FL 32571 (US).

(74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B01F 1/00, 3/04, 5/06, C02F 1/28

(11) WO 03/086596 (13) A1

(21) PCT/JP03/04626

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110557 12 Apr/avr 2002 JP
(12.04.2002)

(30) 2002-133138 8 May/mai 2002 JP
(08.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CARBONATED WATER MANUFACTURING
DEVICE, WATER PURIFIER WITH THE DEVICE,
AND STATIONARY WATER PURIFIER

• DISPOSITIF DE PRODUCTION D'EAU
GAZEUSE, PURIFICATEUR D'EAU
EQUIPE DE CE DISPOSITIF, ET PURI-
FICATEUR D'EAU FIXE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56,
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467-8530 (JP).

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NGK INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). ODANI, Kazushi [JP/JP]; c/o NGK
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Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). KATO, Kiyoshi [JP/JP]; c/o JOPLAX
CO., LTD., 1-27-10, Hoshidakita, Katano-shi,
Osaka 576-0017 (JP).

(74) WATANABE, Kazuhira; 3rd FL., No.8
Kikuboshi Tower Building, 20-18, Asakus-
abashi 3-chome, Taito-ku, Tokyo 111-0053
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B01F 5/04, 5/00, E03C 1/046, 1/10, A47L
15/44

(11) WO 03/086597 (13) A1

(21) PCT/US03/08492

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en

(26) en

(30) 02252522.4 9 Apr/avr 2002 EP
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EDUCTOR

• MELANGEUR-EJECTEUR

(71) JOHNSON DIVERSEY, INC. [US/US];
Neil E. Hamilton, M/S 509, 8310 16th Street,
Sturtevant, WI 53177 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAGUE, Barry [GB/GB]; c/o Di-
verseyLever Equipment Ltd., Osier Drive
Sherwood Park, Annesley, Nottinghamshire
NG1 50DS (GB). CROSSDALE, Garry,
William [GB/GB]; c/o DiverseyLever Equip-
ment Ltd., Osier Drive Sherwood Park,
Annesley, Nottinghamshire NG15 0DS
(GB). OLIVER, Stephen [GB/GB]; c/o
DiverseyLever Equipment Ltd., Osier Drive
Sherwood Park, Annesley, Nottinghamshire
NG150DS (GB). WEBB, Christopher, John
[GB/GB]; c/o DiverseyLever Equipment
Ltd., Osier Drive Sherwood Park, Annesley,
Nottinghamshire NG150DS (GB).

(74) JOHNSON DIVERSEY, INC.; 8310 16th
Street, Sturtevant, WI 53177 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01F 7/16, 7/22, 7/32

(11) WO 03/086598 (13) A1

(21) PCT/NZ03/00066

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 518432 16 Apr/avr 2002 NZ
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A HOMOGENISER

• HOMOGENEISATEUR

(71) AGRESEARCH LIMITED [NZ/NZ]; East
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HARRIS, Mark, Beaven [NZ/NZ]; 8
Radiata Street, Hamilton (NZ). RITCHIE,
Thomas, Stuart [NZ/NZ]; 217 Grandview
Road, Hamilton (NZ).

(74) LEWIS, Mardi, L. et al. / etc.; Level 3,
Spicers Building, 329 Durham Street, P.O.
Box 2201, Christchurch (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B01F 7/18, D21H 23/00

(11) WO 03/086599 (13) A1

(21) PCT/US03/10638

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/118,893 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS AND APPARATUS FOR
MAKING SHEET OF REFRACTORY
FIBERS USING A FOAMED MEDIUM

• PROCEDE ET DISPOSITIF DE FABRI-
CATION D'UNE FEUILLE DE FIBRES
AU MOYEN D'UN MILIEU MOUS-
SEUX

(71) FIBERMARK, INC. [US/US]; 161
Wellington Road, Brattleboro, VT 05301
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KINSLEY, Homan, B., Jr. [US/US];
Genneral delivery, Bohannon, VA 23021
(US). PEART, Christopher, B. [CA/US]; 39
Loudville Road, Westhampton, MA 01027
(US).

(74) GESS, E., Joseph; Burns, Doane, Swecker
& Mathis, L.L.P., PO Box 1404, Alexandria,
VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ B01F 7/20

(11) WO 03/086600 (13) A1

(21) PCT/US03/09791

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 60/371,520 10 Apr/avr 2002 US
(10.04.2002)(30) 10/339,270 9 Jan/jan 2003 US
(09.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRIC POT STIRRER

• DISPOSITIF DE BRASSAGE ELECTRIQUE POUR CASSEROLES

(71) STIRCHEF, LLC [US/US]; P.O. Box 119, Bethel, CT 06801 (US).

(72) RICHARDSON, James, E.; 48 Goodwin Road, Eliot, ME 03903 (US).

(74) GALLAGHER, Thomas, A.; 65 Woods End Road, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01F 13/00, 3/08, 5/06 // A01J 11/16

(11) WO 03/086601 (13) A1

(21) PCT/EP03/03657

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 16 947.0 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR HOMOGENIZING EMULSIONS

• PROCEDE ET DISPOSITIF POUR L'HOMOGENEISATION D'EMULSIONS

(71) EHRFELD MIKROTECHNIK AG [DE/DE]; Mikroforum Ring 1, 55234 Wendelsheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHRFELD, Wolfgang [DE/DE]; Kehlweg 22, 55124 Mainz (DE). FREDENHAGEN, Andreas [DE/DE]; Lindenstrasse 12 a, 67574 Osthofen (DE).

(74) MEYER-DULHEUER, Karl-Hermann; Metzlerstrasse 27, 60594 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01F 13/06

(11) WO 03/086602 (13) A1

(21) PCT/US03/11427

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,270 11 Apr/avr 2002 US
(11.04.2002)(30) 10/412,608 10 Apr/avr 2003 US
(10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS AND APPARATUS FOR CONTINUOUS MIXING OF SLURRY WITH REMOVAL OF ENTRAINED BUBBLES

• PROCEDE ET APPAREIL DE MALAXAGE EN CONTINU DE BOUE AVEC EXTRACTION DES BULLES ENTRAINEES

(71) MOBIUS TECHNOLOGIES, INC. [US/US]; 355-D Crown Point Circle, Grass Valley, CA 95945 (US).

(72) VILLWOCK, Robert, Donald; 10555 Bragg Avenue, Grass Valley, CA 95945 (US). MARTEL, Bryan, Louis; 13016 Morro Drive, Nevada City, CA 95959 (US). WELCH, Bruce, Edward; 2306 Babson Drive, Elk Grove, CA 95758 (US). COCHRAN, Joseph, Richard; 11997 Hanley Drive, Grass Valley, CA 95949 (US).

(74) CASTLE, Kristin, C.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01F 15/00, 15/04, C02F 1/76

(11) WO 03/086603 (13) A2

(21) PCT/US03/11310

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,217 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHLORINATION APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE CHLORATION

(71) SURE WATER TECHNOLOGIES [US/US]; 348 North Park Avenue, Winter Garden, FL 34787 (US).

(72) ALEXANDER, Peter, L.; 348 North Park Avenue, Winter Garden, FL 34787 (US).

(74) SANKS, Terry, M.; Beusse, Brownlee, Bowdoin & Wolter, P.A., Suite 2500, 390 North Orange Avenue, Orlando, FL 32801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01F 15/02

(11) WO 03/086604 (13) A1

(21) PCT/US03/11428

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,329 11 Apr/avr 2002 US
(11.04.2002)(30) 10/412,605 10 Apr/avr 2003 US
(10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROL SYSTEM AND METHOD FOR MIXING OF SLURRY

• SYSTEME ET PROCEDE DE COMMANDE DE PETRISSAGE D'UNE PATE

(71) MOBIUS TECHNOLOGIES, INC. [US/US]; 355-D Crown Point Circle, Grass Valley, CA 95945 (US).

(72) VILLWOCK, Robert, Donald; 10555 Bragg Avenue, Grass Valley, CA 95945 (US). COCHRAN, Joseph, Richard; 11997 Hanley Drive, Grass Valley, CA 95949 (US). MARTEL, Bryan, Louis; 13016 Morro Drive, Nevada City, CA 95959 (US).

(74) CASTLE, Kristin, C.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ B01J
- (11) WO 03/086605 (13) A2
- (21) PCT/US03/10318
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,130 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FUNCTIONALIZED IONIC LIQUIDS, AND METHODS OF USE THEREOF
- LIQUIDES IONIQUES FONCTIONNALISÉS ET LEURS PROCÉDES D'UTILISATION
- (71) UNIVERSITY OF SOUTH ALABAMA [US/US]; CSAB 253, Mobile, AL 36688 (US).
- (72) DAVIS, James, H., Jr.; 324 Vanderbilt Drive, Mobile, AL 36608 (US).
- (74) GORDON, Dana, M. et al. / etc.; Patent Group, Foley, Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B01J 2/04
- (11) WO 03/086606 (13) A1
- (21) PCT/NL03/00168
- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) en (26) en
- (30) 02076436.1 12 Apr/avr 2002 EP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR SMALL PARTICLE FORMATION
- PROCÉDE DE FORMATION DE PETITES PARTICULES
- (71) FEYECON DEVELOPMENT & IMPLEMENTATION B.V. [NL/NL]; Vondellaan 56, NL-3521 GH Utrecht (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PELLIKAAN, Hubert, Clemens [NL/NL]; Justus van Effenaarstraat 18, NL-3511 HL Utrecht (NL). WUBBOLTS, Frank, Emile [NL/NL]; Croesestraat 128, NL-3522 AJ Utrecht (NL).
- (74) VAN WESTENBRUGGE, Andries; Nederlands Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B01J 8/00
- (11) WO 03/086607 (13) A1
- (21) PCT/GB03/01423
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 0208458.0 12 Apr/avr 2002 GB (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SUPPORT GRID
- GRILLE DE SUPPORT
- (71) BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLMAN, Derek, Alan [GB/GB]; 21 Knoll Road, Fleet, Hampshire GU51 4PR (GB). HESKETH, Trevor, John [GB/GB]; 2 Sarum Green, Weybridge, Surrey KT13 9RX (GB). REID, Ian, Allan, Beattie [GB/GB]; 12 Crowthorne Close, Southfields, London SW18 5RX (GB).
- (74) HYMERS, Ronald, Robson; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement

- (51) B01J 8/18, 8/26, 8/34, C10G 29/04, 25/09, 25/12
- (11) WO 03/086608 (13) A1
- (21) PCT/US03/09341
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 10/120,623 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DESULFURIZATION SYSTEM WITH ENHANCED FLUID/SOLIDS CONTACTING
- SYSTÈME DE DESULFURATION PERMETTANT D'OBTENIR UN MEILLEUR CONTACT ENTRE LES FLUIDES ET LES SOLIDES
- (63) US 10/120,623 (CON) 11 Apr/avr 2002 (11.04.2002)
- (71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEIER, Paul, F. [US/US]; 1100 Cherokee, Bartlesville, OK 74003 (US). SUGHRUE, Edward, L. [US/US]; 6468 Clear Creek Loop, Bartlesville, OK 74006 (US). WELLS, Jan, W. [US/US]; Rt. 2 Box 240, Bartlesville, OK 74006 (US). HAUSLER, Douglas, W. [US/US]; 201 Carlyle, Bartlesville, OK 74003 (US). THOMPSON, Max, W. [US/US]; 7935 Chianti Ct., Sugar Land, TX 77479 (US). AVIDAN, Amos, A. [US/US]; 3435 Westheimer, Apt. 1212, Houston, TX 77027 (US).
- (74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 13/02, 13/06, B32B 9/04, 15/02
- (11) WO 03/086609 (13) A1
- (21) PCT/US03/10423
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,630 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • OIL-FILLED NANOCAPSULES FROM MICROEMULSIONS UTILIZING CROSS-LINKABLE SURFACTANTS
- NANOCAPSULES REMPLIES D'HUILE PROVENANT DE MICROEMULSIONS UTILISANT DES TENSIO-ACTIFS RETICULABLES

(71) **UNIVERSITY OF FLORIDA** [US/US]; 322 Walker Hall, P.O. Box 115500, Gainesville, FL 32611-5500 (US).
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(72, 75) **UNDERHILL, Royale, S.** [CA/US]; 3006 SW 23rd Street#73, Gainesville, FL 32608 (US). **JOVANOVIĆ, Aleksa, V.** [YU/US]; 309 SW 16th Avenue, #347, Gainesville, FL 32601 (US). **DURAN, Randolph, S.** [US/US]; 2031 NW 8th Place, Gainesville, FL 32603 (US).

(74) **NELSON, Gregory, A.**; Akerman, Senterfitt, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 13/04**

(11) **WO 03/086610** (13) A2

(21) PCT/FR03/01206

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) fr (26) fr

(30) 02/04673 **15 Apr/avr 2002 (15.04.2002)** FR

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCTION OF A STABLE SUSPENSION OF PARTICLES IN A LIQUID

• PROCEDE D'OBTENTION D'UNE SUSPENSION STABLE DE PARTICULES DANS UN LIQUIDE

(71) **SEPARREX** [FR/FR]; 5, rue Jacques Monod, F-54250 Champigneulle (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERRUT, Michel** [FR/FR]; 25 rue Santifontaine, F-54000 Nancy (FR). **JUNG, Jennifer** [FR/FR]; 9, rue de Rome, F-54000 Nancy (FR). **LEBOEUF, Fabrice** [FR/FR]; 16, Impasse Plein Soleil, Pavillon 7, F-54130 Saint-Max (FR).

(74) **PUIROUX, Guy**; Cabinet Guin & Bruder, 68, rue d'Hauteville, F-75010 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J 13/14, C08F 299/04**

(11) **WO 03/086611** (13) A1

(21) PCT/EP03/03836

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) de (26) de

(30) 102 16 550.5 **15 Apr/avr 2002 (15.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MICROCAPSULES FOR THE PRODUCTION OF STORAGE-STABLE UNSATURATED POLYMER COMPOSITIONS

• MICROCAPSULES POUR LA PRODUCTION DE COMPOSITIONS POLYMERIQUES INSATUREES STABLES AU STOCKAGE

(71) **SCHENECTADY INTERNATIONAL INC.** [US/US]; 2750 Balltown Road, Schenectady, NY 12309 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIENERT, Klaus-Wilhelm** [DE/DE]; Bernadoteststr. 54, 22763 Hamburg (DE). **BANACH, Timothy, Edward** [US/US]; 26 Cedar Lane, Scotia, NY 12302 (US). **DUNBAR, William, D.** [US/US]; P.O. Box 71, Ghent, NY 12075 (US). **HEGEMANN, Günther** [DE/DE]; Andreasstr. 23, 22301 Hamburg (DE). **SHEIHAM, Ivan** [GB/GB]; 12 Wynnstay Gardens, Marlow, Buckinghamshire SL7 3NR (GB).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 19/00, C07B 61/00**

(11) **WO 03/086612** (13) A1

(21) PCT/GB03/01615

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 0208218.8 **10 Apr/avr 2002 (10.04.2002)** GB

(30) 0217722.8 **31 Jul/juil 2002 (31.07.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF PRODUCING DYNAMIC COMBINATORIAL LIBRARIES

• PROCEDE DE PRODUCTION DE BANQUES COMBINATOIRES DYNAMIQUES

(71) **UFC LIMITED** [GB/GB]; Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IRVING, Edward** [GB/GB]; 22 Birkdale Gardens, Winsford, Cheshire CW7 2LE (GB). **BROWN, Stuart** [GB/GB]; 1 Princes Drive, Sale, Manchester M33 3JB (GB). **TURNER, Nicholas, John** [GB/GB]; 33 Great King Street, Edinburgh EH3 6QR (GB). **FLITSCH, Sabine, Lahja** [DE/GB]; 33 Great King Street, Edinburgh EH3 6QR (GB). **LINS, Roger** [NZ/GB]; School of Chemistry, University of Edinburgh, King's Buildings, West Mains Road, Edinburgh EH9 3JJ (GB).

(74) **QUEST, Barry et al.** / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 19/00, 19/24, C01B 3/38**

(11) **WO 03/086613** (13) A1

(21) PCT/US03/10446

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 10/121,902 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEMICAL REACTOR AND FUEL PROCESSOR UTILIZING CERAMIC TECHNOLOGY

• REACTEUR CHIMIQUE ET CONVERTISSEUR DE COMBUSTIBLE UTILISANT LA TECHNOLOGIE CERAMIQUE

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **ROGERS, Stephen, P.**; 516 East Mountain Sky, Phoenix, AZ 85048 (US). **KO-RIPELLA, Chowdary, Ramesh**; 11308 North 118th Street, Scottsdale, AZ 85259 (US). **LAMONT, David, Charles**; 1914 South Newport, Kennewick, WA 99337 (US).

(74) **PICKENS, S., Kevin**; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B01J 19/00

(11) WO 03/086614 (13) A2

(21) PCT/US03/09317

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/118,185 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBINATORIAL SYNTHESIS
• SYNTHESE COMBINATOIRE

(71) ENGELHARD CORPORATION
[US/US]; 101 Wood Avenue, P.O. Box
770, Iselin, NJ 08830-0770 (US).

(72) MOINI, Ahmad; 168 Carter Road, Prince-
ton, NJ 08540 (US). KOERMER, Gerald,
S.; 1 Thackeray Avenue, Roseland, NJ 07068
(US). CASTELLANO, Christopher, R.; 42
Frontage Road, Ringoes, NJ 08551 (US).

(74) HAMPILOS, Gus, T. et al. / etc.; Engelhard
Corporation, 101 Wood Avenue, P.O. Box
770, Iselin, NJ 08830-0770 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B01J 19/08, 19/10, 19/00, H05H 1/24,
A62D 3/00, B01D 19/00

(11) WO 03/086615 (13) A1

(21) PCT/JP03/04139

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-98193 1 Apr/avr 2002 JP
(01.04.2002)

(30) 2002-313979 29 Oct/oct 2002 JP
(29.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBMERGED PLASMA GENERATOR,
METHOD OF GENERATING PLASMA
IN LIQUID AND METHOD OF DE-
COMPOSING TOXIC SUBSTANCE
WITH PLASMA IN LIQUID

• GENERATEUR DE PLASMA IM-
MERGE, PROCEDE DE GENERA-
TION DE PLASMA EN LIQUIDE ET
PROCEDE DE DECOMPOSITION DE
SUBSTANCE TOXIQUE AVEC DU
PLASMA EN LIQUIDE

(71) TECHNO NETWORK SHIKOKU CO.,
LTD. [JP/JP]; 2-5, Marunouchi, Taka-
matsu-shi, Kagawa 760-0033 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NOMURA, Shinfuku [JP/JP]; c/o
Faculty of Engineering, Ehime University,
3, Bunkyo-cho, Matsuyama-shi, Ehime
790-8577 (JP). TOYOTA, Hiromichi
[JP/JP]; c/o Faculty of Engineering, Ehime
University, 3, Bunkyo-cho, Matsuyama-shi,
Ehime 790-8577 (JP).

(74) MATSUSHIMA, Satoru; 3-8-38, Hi-
gashino, Matsuyama-shi, Ehime 790-0903
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B01J 19/08, A61N 5/06, F02M 27/04,
C02F 1/68, 1/30

(11) WO 03/086616 (13) A1

(21) PCT/JP03/04675

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-115404 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENERGY RADIATION DEVICE AND
ENERGY IRRADIATION APPARATUS
COMPRISING THE SAME

• DISPOSITIF A RAYONNEMENT
D'ENERGIE ET APPAREIL D'IRRA-
DIATION D'ENERGIE COMPRENANT
CE DISPOSITIF

(71) KUSUIKOU CO.,LTD. [JP/JP]; 3-4, Ni-
honbashi bakurochou, 1-chome, Chuou-ku,
Tokyo 103-0002 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAITOU, Hidehiko [JP/JP]; 5-30-1303,
Minamisuna, 1-chome, Koto-ku, Tokyo 136-
0076 (JP).

(74) UESHIMA, Junichi; 5-11-404, Nishi Ike-
bukuro, 1-chome, Toshima-ku, Tokyo 171-
0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B01J 19/08

(11) WO 03/086617 (13) A1

(21) PCT/US03/10572

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/119,645 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REACTANT NOZZLES WITHIN FLOW-
ING REACTORS

• GICLEUR DE REACTIF LOGE DANS
DES REACTEURS A ECOULEMENT

(71) NANOGRAM CORPORATION [US/US];
2911 Zanker Road, San Jose, CA 94134 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GARDNER, James, T. [US/US]; 1163
Laurie Avenue, San Jose, CA 95125-3442
(US). MOSSO, Ronald, J. [US/US]; 46553
Chaparral Drive, Fremont, CA 94539 (US).
GILLIAM, James, A. [US/US]; 640 Fox-
glove Avenue, Newman, CA 95360 (US).

(74) DARDI, Peter, S. et al. / etc.; Patterson,
Thunte, Skaar & Christensen, P.A., 4800 IDS
Center, 80 South 8th Street, Minneapolis, MN
55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B01J 19/12, B01D 53/00, C02F 1/72, 1/32

(11) WO 03/086618 (13) A1

(21) PCT/EP03/03706

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 16 477.0 13 Apr/avr 2002 DE
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REACTOR AND METHOD FOR
TREATING FLUIDS BY USING PHO-
TOCATALYSTS COUPLED WITH
PHOSPHORESCENT SOLIDS

• REACTEUR ET PROCEDE POUR TRAI-
TER DES FLUIDES AU MOYEN DE
PHOTOCATALYSEURS COUPLES A

DES MATIERES SOLIDES PHOSPHORESCENTES

(71, 72) **LIEDY, Werner** [DE/DE]; Schifferstadter Strasse 4, 67126 Hochdorf-Assenheim 1 (DE).

(74) **ZELLENTIN, Wiger**; Zellentint & Partner, Rubensstrasse 30, 67061 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J 19/24, F02M 27/02, B01J 35/06, 23/14**

(11) **WO 03/086619** (13) A1

(21) PCT/DE03/01247

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) de (26) de

(30) 102 16 462.2 **12 Apr/avr 2002 (12.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE REACTOR
• REACTEUR DE SURFACE

(71, 72) **HORNIG, Wolfgang** [DE/MC]; Boulevard de Belgique, 12, Villa Duo, 98000 Monaco (MC).

(74) **THEWS, Karl** et al. / etc.; Sartorius, Thews & Thews, Helmholtzstrasse 35, 68723 Schwetzingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 19/26, 19/00**

(11) **WO 03/086620** (13) A1

(21) PCT/EP03/02721

(22) **15 Mar/mar 2003 (15.03.2003)**

(25) de (26) de

(30) 102 17 182.3 **18 Apr/avr 2002 (18.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR CHANGING NOZZLES

• DISPOSITIF PERMETTANT DE REMPLACER DES BUSES

(71) **ZIMMER AG** [DE/DE]; Borsigallee 1, 60388 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖLTING, Ludwig** [DE/DE]; Goethestr. 6, 63486 Bruchköbel (DE).

(74) **ZIMMER AG**; Borsigallee 1, 60388 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ **B01J 20/00**

(11) **WO 03/086621** (13) A1

(21) PCT/US02/38405

(22) **3 Dec/déc 2002 (03.12.2002)**

(25) en (26) en

(30) 10/120,672 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DESULFURIZATION AND SORBENTS FOR SAME
• DESULFURATION ET ABSORBANTS ASSOCIES

(63) US 10/120,672 (CON)
11 Apr/avr 2002 (11.04.2002)

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keller, Bartlesville, OK 74004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGHRUE, Edward, L.** [US/US]; 6468 Clear Creek Loop, Bartlesville, OK 74006 (US). **JOHNSON, Marvin, M.** [US/US]; 4413 Woodland Road, Bartlesville, OK 74006 (US). **DODWELL, Glenn, W.** [US/US]; 2716 Roanoke Ridge, Bartlesville, OK 74006 (US). **REED, Larry, E.** [US/US]; 5701 Park Hill Place, Bartlesville, OK 74006 (US). **BARES, Joseph, E.** [US/US]; 6005 Martin Place, Bartlesville, OK 74006 (US).

GISLASON, Jason, J. [US/US]; 4733 Dartmouth Drive, Bartlesville, OK 74006 (US). **MORTON, Robert, W.** [US/US]; Route 1, Box 343, Bartlesville, OK 74003 (US). **MALANDRA, James, L.** [US/US]; 1543 S. Florence Ave., Tulsa, OK 74104 (US).

(74) **RICHARDS, John** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J 20/00, 21/04, 23/02**

(11) **WO 03/086622** (13) A1

(21) PCT/US03/08615

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 10/121,482 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IN SITU THETA ALUMINA COATED MONOLITHIC CATALYST SUPPORTS
• SUPPORTS DE CATALYSEURS MONOLITHIQUES REVETUS D'ALUMINE THETA IN SITU

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **TAO, Tinghong**; 165 Davenport Road, Big Flats, NY 14814 (US). **TORNS, Jennifer, M.**; 1 Jacob Drive, Painted Post, NY 14870 (US). **USIAK, Brian, P.**; 9 Cherry Circle, Painted Post, NY 14870 (US).

(74) **GHEORGHU, Anca C.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **B01J 20/26, C02F 1/40, 1/28**

(11) **WO 03/086623** (13) A1

(21) PCT/AU03/00404

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) PS 1612 **8 Apr/avr 2002 (08.04.2002)** AU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OIL RECOVERY AND ENVIRONMENTAL CLEANUP COMPOSITIONS

- COMPOSITIONS UTILISABLES POUR LA RECUPERATION DU PETROLE ET LA DEPOLLUTION DE L'ENVIRONNEMENT
- (71, 72) **ROBINSON, David, Charles** [AU/AU]; 251 Fallon Street, Albury, NSW 2640 (AU).
- (74) **WATERMARK PATENT & TRADE-MARK ATTORNEYS**; 290 Burwood Road, Hawthorn, VIC 3122 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 23/50, 23/66, C07D 301/10

(11) WO 03/086624 (13) A1

(21) PCT/US03/09794

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10/118,192 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ETHYLENE OXIDE CATALYST

• CATALYSEUR D'OXYDE D'ETHYLENE

(71) **SCIENTIFIC DESIGN COMPANY, INC.** [US/US]; 49 Industrial Avenue, Little Ferry, NJ 07643 (US).

(72) **RIZKALLA, Nabil**; 415 Faletti Circle, Riverdale, NJ 07675 (US). **BORNN, Errrol**; 210 Evergreen Street, Hillside, NJ 07642 (US). **ZULAUF, Charles, W.**; 25 Sycamore Avenue, Lincoln Park, NJ 07035 (US).

(74) **LONG, William, C.**; 90 Maple Avenue, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B01J 23/62, 23/58, C07C 5/32

(11) WO 03/086625 (13) A1

(21) PCT/US03/10089

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/118,642 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEHYDROGENATION CATALYST COMPOSITION

• COMPOSITION CATALYTIQUE DE DESHYDROGENATION

(71) **UPO LLC** [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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(72, 75) **VOSKOBOYNIKOV, Timur V.** [RU/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

WEI, Daniel, H. [US/US]; UOP, LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **SACHTLER, J., W., Adriaan** [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **VORA, Bipin, V.** [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(74) **UOP LLC**; John G. Tolomei, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 23/656, C01B 3/40, 3/48, 3/58

(11) WO 03/086626 (13) A1

(21) PCT/JP03/04645

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) NO. 2002-111232 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CATALYST FOR REMOVING CARBON MONOXIDE IN HYDROGEN RICH GAS ACCORDING TO WATER GAS SHIFT REACTION

• CATALYSEUR PERMETTANT D'EXTRAIRE DU MONOXYDE DE CARBONE D'UN GAZ RICHE EN HYDROGENE PAR REACTION DE CONVERSION A LA VAPEUR D'EAU

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(71, 72) **IGARASHI, Akira** [JP/JP]; 6-3-5-111, Uchiya, Saitama-shi, Saitama 336-0034 (JP).

(72) **MIZOBUCHI, Manabu**; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **KINUGAWA, Kensaku**; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **HASHIMOTO, Noboru**; c/o Matsushita

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(74) **NISHIKAWA, Yoshikiyo et al.** / etc.; Hokuto Patent Attorneys Office, Umeda-Daichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B01J 23/76, 23/80, C01B 3/40

(11) WO 03/086627 (13) A1

(21) PCT/JP03/04042

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-96080 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODIFICATION CATALYST COMPOSITION

• COMPOSITION DE CATALYSEUR DE MODIFICATION

(71) **KYUSHU ELECTRIC POWER CO., INC.** [JP/JP]; 1-82, Watanabe-dori 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0004 (JP).

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(72, 75) **UCHIDA, Yoshitaka** [JP/JP]; c/o Research Laboratory, KYUSHU ELECTRIC POWER CO., INC., 1-47, Shiobaru 2-chome, Minami-ku, Fukuoka, Fukuoka 815-8520 (JP). **TSUJIMOTO, Keigo** [JP/JP]; c/o Research Laboratory, KYUSHU ELECTRIC POWER CO., INC., 1-47, Shiobaru 2-chome, Minami-ku, Fukuoka, Fukuoka 815-8520 (JP). **HIRANO, Takenori** [JP/JP]; c/o KYUSHU CATALYST RESEARCH CO., LTD., 1474, Okubo, Takaono-cho, Izumi-gun, Kagoshima 899-0401 (JP).

(74) **KOHORI, Susumu et al.** / etc.; Hakata-Shin-Mitsui Bldg., 1-1, Hakataekimae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 37/02, 37/08, H01M 4/92

(11) WO 03/086628 (13) A1

(21) PCT/US03/10775

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/118,928 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE STRUCTURE FOR ENHANCING CATALYTIC REACTIVITY

• STRUCTURE DE SURFACE PERMETTANT D'ACCROITRE LA REACTIVITE CATALYTIQUE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(72) PAN, Alfred I-Tsung.; 1676 Kennard Way, Sunnyvale, CA 94087 (US).

(74) HEMINGER, Susan E.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B01J 49/00

(11) WO 03/086629 (13) A1

(21) PCT/US03/11583

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,206 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ION EXCHANGE REGENERATION AND UPW TREATMENT SYSTEM

• REGENERATION D'ECHANGE D'IONS ET SYSTEME DE TRAITEMENT D'EAU ULTRA PURE (UPW)

(71) IONICS, INCORPORATED [US/US]; 65 Grove Street, Watertown, MA 02472 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARSON, William, W. [US/US]; 14 Schofield Road, Hopkinton, MA 01748 (US). DALE, Chuck [US/US]; Morgan Hill, CA 95037 (US). McCLAIN, William, D. [US/US]; 3830 Nighthawk Way, Phoenix, AZ 85048 (US). RITZ, Robert, J. [US/US]; 9855 North Arroya Vista Drive, Phoenix, AZ 85028 (US). SWENSON, Charles, M.

[US/US]; 34 Sheldon Street, No. Billerica, MA 01862 (US).

(74) FALKOFF, Michael, I.; Ionics, Incorporated, 65 Grove Street, Watertown, MA 02472 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B01L 3/00

(11) WO 03/086630 (13) A1

(21) PCT/US03/10929

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/372,562 11 Apr/avr 2002 US
(11.04.2002)

(30) 60/427,423 19 Nov/nov 2002 US
(19.11.2002)

(30) 10/328,932 23 Dec/déc 2002 US
(23.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MICROFABRICATED TWO-PIN SYSTEM FOR BIOMOLECULE CRYSTALLIZATION

• SYSTEME A DEUX TIGES MICROFABRIQUE POUR CRISTALLISATION DE BIOMOLECULES

(71) TERAGENICS, INC. [US/US]; 80 Rosedale Road, Watertown, MA 02472 (US).

(72) GILBERT, John, R.; 69 Naples Road, Brookline, MA 02446 (US). TRIKHA, Jaishree; 25 Helene Road, Waban, MA 02468 (US).

(74) LAURENTANO, Anthony, A.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01L 3/00

(11) WO 03/086631 (13) A1

(21) PCT/US03/10930

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/372,562 11 Apr/avr 2002 US
(11.04.2002)

(30) 10/328,973 23 Dec/déc 2002 US
(23.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TEMPERATURE CONTROLLED MICROFABRICATED TWO-PIN LIQUID SAMPLE DISPENSING SYSTEM

• SYSTEME MICROFABRIQUE DE DISTRIBUTION D'ECHANTILLON DE LIQUIDE A TEMPERATURE REGLEE

(71) TERAGENICS, INC. [US/US]; 80 Rosedale Road, Watertown, MA 02472 (US).

(72) GILBERT, John, R.; 69 Naples Road, Brookline, MA 02446 (US). BÖHM, Sebastian; 9 Muirfield Court, IV2 4DP Inverness (GB).

(74) LAURENTANO, Anthony, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01L 3/02

(11) WO 03/086632 (13) A1

(21) PCT/US02/32930

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/119,100 8 Apr/avr 2002 US
(08.04.2002)

(30) 10/210,712 30 Jul/juil 2002 US
(30.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED PIPETTOR AND EXTERNALLY SEALED PIPETTE TIPS

• PIPETTE AMELIOREE ET EMBOUTS DE PIPETTE FERMES HERMETIQUEMENT DE L'EXTERIEUR

(63) US 10/210,712 (CON)
30 Jul/juil 2002 (30.07.2002)

(71, 72) YIU, Felix, H. [US/US]; 825 South Primrose Avenue, Suite I, Monrovia, CA 91016 (US).

(74) CISLO, Donald, M.; Suite 900, 233 Wilshire Boulevard, Santa Monica, CA 90401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B02C 1/02

(11) WO 03/086633 (13) A1

(21) PCT/GB03/01552

(22) 12 Apr/avr 2003 (12.04.2003)

(25) en (26) en

(30) 0208469.7 12 Apr/avr 2002 GB (12.04.2002)

(30) 0215254.4 2 Jul/juil 2002 GB (02.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • JAW CRUSHER WITH A HYDRAULIC CYLINDER OVERLOAD ARRANGEMENT

• CONCASSEUR A MACHOIRES COM-PORTANT UN DISPOSITIF DE SUR-CHARGE A VERIN HYDRAULIQUE

(71) BL-PEGSON LTD [GB/GB]; Mammoth Street, Coalville, Leicestershire LE67 3GN (GB).

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(72, 75) BOAST, Ian [GB/GB]; 29 Britannia Drive, Stretton, Burton on Trent, Staffordshire DE13 0EW (GB).

(74) MARKS & CLERK; 144 New Walk, Leicester LE1 7JA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B02C 4/30

(11) WO 03/086634 (13) A1

(21) PCT/EP03/03673

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) TV2002A000044 18 Apr/avr 2002 IT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROLLER STRUCTURE AND METHOD FOR THE MANUFACTURE THEREOF

• STRUCTURE DE ROULEAU ET SON PROCEDE DE FABRICATION

(71, 72) TONCELLI, Dario [IT/IT]; Via San Pancrazio, 3, I-36061 Bassano del Grappa (IT).

(74) AGOSTINO, Agostini et al. / etc.; Dragotti & Associati Srl, Via Paris Bordone 9, I-31100 Treviso (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B03B 5/26

(11) WO 03/086635 (13) A1

(21) PCT/AU03/00445

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) PS 1728 12 Apr/avr 2002 AU (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELUTRIATED SLUICE

• VANNE ELUTRIEE

(71) EVANS DEAKIN PTY LIMITED [AU/AU]; 11 Elysium Road, Carrara, Queensland 4211 (AU).

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(72, 75) KELSEY, Christopher, George [AU/AU]; 1325 Proctor Road, RSD Willunga, South Australia 5172 (AU).

(74) DAVIDSON, Geoffrey, Robert et al. / etc.; Halford & Co., Level 7, 1 Market Street, SYDNEY, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B03C 1/035, 1/03, 1/26, 1/30

(11) WO 03/086636 (13) A1

(21) PCT/NZ03/00060

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 518250 8 Apr/avr 2002 NZ (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEPARATION DEVICE

• DISPOSITIF DE SEPARATION

(71, 72) WARNER, Clifford, Roy [NZ/NZ]; 15 Curacao Place, Halfmoon Bayach, Auckland 1706 (NZ).

(74) WILSON, Kathryn, S et al. / etc.; Private Bag 3140, Level 12, KPMG Centre, 85 Alexandra Street, 2001 Hamilton (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B03C 1/28

(11) WO 03/086637 (13) A1

(21) PCT/US03/11157

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,331 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMMUNOASSAY PROBE

• SONDE D'IMMUNODOSAGE

(71) INSTRUMENTATION LABORATORY COMPANY [US/US]; 101 Hartwell Avenue, Lexington, MA 02421 (US).

(72) ACHTER, Eugene, K.; 18 Mason Street, Lexington, MA 02421 (US). SCHROEDER, Hartmut, Richard; 44 Jackson Circle, Franklin, MA 20238 (US). TROTTE, Stephen, S.; 9 Ledgewood Road, Woburn, MA 01801 (US).

(74) MOORE, Ronda, P.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B03C 3/68, H02J 13/00, H04L 12/46

(11) WO 03/086638 (13) A1

(21) PCT/DE03/01119

(22) 4 Apr/avr 2003 (04.04.2003)

(25) de (26) de

(30) 102 17 059.2 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION OF MEASURED VALUES IN HIGH-VOLTAGE SUPPLY UNITS FOR ELECTROFILTERS

• TRANSMISSION DE VALEURS MESUREES LORS DE L'ALIMENTATION HAUTE TENSION D'ELECTRO-FILTRES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAB, Norbert [DE/DE]; Bergstrasse 37b, 91074 Herzogenaurach (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ B04B 5/02, 5/04, 9/08, G01N 30/42, 30/60, B01D 15/08

(11) WO 03/086639 (13) A2

(21) PCT/GB03/01502

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0207959.8 5 Apr/avr 2002 GB (05.04.2002)

(30) 0207961.4 5 Apr/avr 2002 GB (05.04.2002)

(30) 0207963.0 5 Apr/avr 2002 GB (05.04.2002)

(30) 0207962.2 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CENTRIFUGE

• CENTRIFUGEUSE

(71) BRUNEL UNIVERSITY [GB/GB]; Uxbridge, Middlesex UB8 3PH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAWES, David, William [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). JANAWAY, Lee [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). SUTHERLAND, Ian, Alexander [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). WOOD, Philip, Leslie [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB).

(74) JEHAN, Robert et al. / etc.; Williams Powell, Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B04B 5/04

(11) WO 03/086640 (13) A1

(21) PCT/US03/11624

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,574 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLUID SEPARATION USING A CENTRIFUGE AND ROLLER PUMP

• SEPARATION DE FLUIDES AU MOYEN D'UNE CENTRIFUGEUSE ET D'UNE POMPE A GALETS

(71) GAMBRO, INC. [US/US]; Patent Department, 10810 West Collins Ave., Lakewood, CO 80215-4439 (US).

(72) HLAVINKA, Dennis, J.; 7365 North Salvia Court, Golden, CO 80419 (US). PAL-SULICH, William, G.; 1880 Allison Street, Lakewood, CO 80215 (US). FELT, Thomas, J.; 4210 Evans Drive, Boulder, CO 80303 (US). CORBIN, Frank, III; 6700 W. Dorado Drive, #16, Littleton, CO 80123 (US).

(74) O'CONNOR, Edna, M.; Gambro, Inc. Patent Department, 10810 West Collins Ave., Lakewood, CO 80215-4439 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ B04B 9/12, 11/08

(11) WO 03/086641 (13) A1

(21) PCT/US03/11120

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,153 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CENTRIFUGE WITH SOLIDS DISCHARGE USING A SCRAPER OR PISTON

• CENTRIFUGE AVEC DECHARGE DE MATIERES SOLIDES UTILISANT UN RACLOIR OU UN PISTON

(71) R.B. CARR ENGINEERING, INC. [US/US]; 25 Commerical Drive, Wrentham, MA 02093 (US).

(72) CARR, Robert, B.; 315 Mansfield Street, Sharon, MA 02067 (US).

(74) THOMPSON, James, F. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B05B 3/00

(11) WO 03/086642 (13) A1

(21) PCT/ZA03/00048

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 2002/2848 11 Apr/avr 2002 ZA (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EMITTER TUBE FOR IRRIGATION SYSTEM

• TUYAU GOUTTEUR POUR SYSTEME D'IRRIGATION

(71) FLOPPY SPRINKLER (PROPRIETARY) LIMITED [ZA/ZA]; 24 Murray Street, 1201 Nelspruit (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THERON, Christoffel [ZA/ZA]; 24 Murray Street, 1201 Nelspruit (ZA).

(74) TRUTER, Jacobus, Tridoux; D M Kisch Inc, P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **B05B 3/02**

(11) **WO 03/086643** (13) A1

(21) PCT/US03/10688

(22) **8 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/119,294 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ADJUSTABLE ARC, ADJUSTABLE
FLOW RATE SPRINKLER
• ASPERSEUR A ARC ET A DEBIT RE-
GLABLES

(71) NELSON IRRIGATION CORPORA-
TION [US/US]; 848 Airport Road, Walla
Walla, WA 99362-2271 (US).

(72) SESSER, George, L.; 735 Clay Street, Walla
Walla, WA 99362 (US). PERKINS, Lee, A.;
1135 Locher Road, Lowden, WA 99360 (US).
MCCOON, Steven, T.; 5761 Biscuit Ridge
Road, Waitsburg, WA 99361 (US).

(74) KEENAN, Michael, J.; Nixon & Vanderhye
P.C., 1100 North Glebe Road, Suite 800, Ar-
lington, VA 22201-4714 (US).

(81) AU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ **B05B 11/00**

(11) **WO 03/086644** (13) A1

(21) PCT/FR03/01140

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) fr (26) fr

(30) 02/04810 **17 Apr/avr 2002** FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION DEVICE FOR FLUID
PRODUCTS
• DISPOSITIF DE DISTRIBUTION DE
PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).

(72) CABARROQUE, Xavier; 1, rue de l'Egal-
ité, F-94270 Le Kremlin-Bicêtre (FR).
POULARD, Fabien; 18bis, rue Eau de
Robec, F-76000 Rouen (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **B05B 11/00, F16J 1/00, F04B 53/14**

(11) **WO 03/086645** (13) A1

(21) PCT/FR03/01141

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) fr (26) fr

(30) 02/04808 **17 Apr/avr 2002** FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A FLUID
PRODUCT
• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).

(72) PETIT, Ludovic; 4, rue du Buc, F-27110
Vitot (FR). THOMAS, Katia; 11, rue du bout
de la ville, F-27110 Epegard (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ **B05B 11/00**

(11) **WO 03/086646** (13) A1

(21) PCT/FR03/01142

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) fr (26) fr

(30) 02/04813 **17 Apr/avr 2002** FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A FLUID
PRODUCT
• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).

(72) PETIT, Ludovic; 4, rue du Buc, F-27110
Vitot (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ **B05B 11/00**

(11) **WO 03/086647** (13) A1

(21) PCT/FR03/01143

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) fr (26) fr

(30) 02/04810 **17 Apr/avr 2002** FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION DEVICE FOR A FLUID
PRODUCT
• DISPOSITIF DE DISTRIBUTION DE
PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; Boîte postale G, Le
Prieuré, F-27110 Le Neubourg (FR).

(72) CABARROQUE, Xavier; 1, rue de l'Egal-
ité, F-94270 Le Kremlin-Bicêtre (FR).
POULARD, Fabien; 18bis, rue Eau de
Robec, F-76000 Rouen (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ **B05B 11/00**

(11) **WO 03/086648** (13) A1

(21) PCT/FR03/01144

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) fr (26) fr

(30) 02/04814 **17 Apr/avr 2002** FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A FLUID
PRODUCT
• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; Boîte postale G, Le
Prieuré, F-27110 Le Neubourg (FR).

(72) PETIT, Ludovic; 4, rue du Buc, F-27110
Vitot (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B05B 11/00

(11) WO 03/086649 (13) A1

(21) PCT/FR03/01181

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04811 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A LIQUID
PRODUCT

• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; Boîte postale G, Le
Prieuré, F-27110 Le Neubourg (FR).

(72) BRUNA, Pascal; 15, avenue des Canadi-
ens, F-76300 Sotteville Les Rouen (FR).
DUCOURRET, Gérard; 16, square Fran-
cis Poulenc, F-76240 Le Mesnil Esnard
(FR). HERRY, Serge; 8, route d'Evreux,
F-27400 Quatremare (FR). PARDONGE,
Jean-Marc; 12, impasse des Lauriers, Les
Authieux sur le Port, F-76520 Saint Ouen
(FR). PETIT, Ludovic; 4, rue du Buc,
F-27110 Vitot (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B05B 11/00

(11) WO 03/086650 (13) A1

(21) PCT/FR03/01182

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04809 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A LIQUID
PRODUCT

• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; Boîte postale G, Le
Prieuré, F-27110 Le Neubourg (FR).

(72) PETIT, Ludovic; 4, rue du Buc, F-27110
Vitot (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B05B 11/00

(11) WO 03/086651 (13) A1

(21) PCT/FR03/01183

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/05252 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION PUMP FOR A LIQUID
PRODUCT

• POMPE DE DISTRIBUTION DE PRO-
DUIT FLUIDE

(71) VALOIS SAS [FR/FR]; Boîte postale G, Le
Prieuré, F-27110 Le Neubourg (FR).

(72) HERRY, Serge; 8, route d'Evreux, F-27400
Quatremare (FR). PETIT, Ludovic; 4, rue du
Buc, F-27110 Vitot (FR).

(74) CAPRI; 94, avenue Mozart, F-75016 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B05B 11/00, B65D 83/14

(11) WO 03/086652 (13) A1

(21) PCT/FR03/01184

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04812 16 Apr/avr 2002 FR
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTOR AND PUSH-BUTTON
COMPRISING ONE SUCH DISTRIBUTOR

• TETE DE DISTRIBUTION ET POUS-
SOIR INCORPORANT UNE TELLE
TETE

(71) AIRLESSYSTEMS [FR/FR]; Lieudit "La
Vente Cartier", F-27380 Charleval (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DECOTTIGNIES, Laurent [FR/FR];
12, avenue des Trois Epis, F-95800 Cergy
(FR). GALLOIS, Yann [FR/FR]; 10, rue
Basse, F-27570 Tillières-sur-Avre (FR).
HERVÉ, Yannick [FR/FR]; 271, rue de
Plaisance, F-27160 Breteuil-sur-Iton (FR).

(74) CAPRI SAS; 94, avenue Mozart, F-75016
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B05B 12/08

(11) WO 03/086653 (13) A1

(21) PCT/SE03/00578

(22) 9 Apr/avr 2003 (09.04.2003)

(25) sv (26) en

(30) 0201122-9 11 Apr/avr 2002 SE
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE AT A NOZZLE FOR REGULA-
TION OF GAS OR FLUID

• DISPOSITIF DE BUSE POUR LA
REGULATION DES GAZ OU DES
FLUIDES

(71) ELTEX OF SWEDEN AB [SE/SE]; Box
608, S-343 24 Älmhult (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOHANSSON, Per [SE/SE]; Hotellvä-
gen 9, S-262 61 Ängelholm (SE).

(74) NILSSON, Lennart; Lennart Nilsson
Patentbyrå AB, Ljungsjövägen 31, S-311 95
Falkenberg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05B 12/08

(11) WO 03/086654 (13) A1

(21) PCT/SE03/00600

(22) 14 Apr/avr 2003 (14.04.2003)

(25) sv (26) en

(30) 0201111-2 12 Apr/avr 2002 SE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SPRAYING DEVICE
• DISPOSITIF DE VAPORISATION

(71) ECCO FINISHING AB [SE/SE]; Box 93, S-532 22 Skara (SE).
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(72, 75) JOHANSSON, Stig [SE/SE]; Blåbärsstigen 24, S-144 37 Rönninge (SE). PÖYHÖNEN, Teuvo [SE/SE]; Parklindsvägen 15, S-531 58 Lidköping (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05C 5/00, B05B 7/10, 5/10, B05D 1/02

(11) WO 03/086655 (13) A1

(21) PCT/US03/10957

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,134 12 Apr/avr 2002 US (12.04.2002)

(30) 10/294,867 14 Nov/nov 2002 US (14.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODULE, NOZZLE AND METHOD FOR DISPENSING CONTROLLED PATTERNS OF LIQUID MATERIAL
• MODULE, GICLÉUR ET PROCÉDE POUR LA DISTRIBUTION COMMANDEE DE MODELES DE SUBSTANCE LIQUIDE

(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRANE, Patrick, J. [US/US]; 6240 Countryland Drive, Dawsonville, GA 30534 (US). HARRIS, Michael, W. [US/US]; 7140 Berry Patch Drive, Cumming, GA 30040 (US). SAINÉ, Joel, E. [US/US]; 625 Buckhorn Tavern Road, Dahlomga, GA 30533 (US).

(74) ROONEY, Kevin, G. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, Ohio 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B05C 11/08, G01N 1/28, B04B 5/00

(11) WO 03/086656 (13) A1

(21) PCT/DK03/00209

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) PA 2002 00514 9 Apr/avr 2002 DK (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR CENTRIFUGAL DISTRIBUTION OF LIQUID PHYSIOLOGICAL SPECIMENS
• PROCÉDE DE DISTRIBUTION CENTRIFUGE D'ÉPROUVETTES PHYSIOLOGIQUES LIQUIDES

(71) DANFOSS A/S [DK/DK]; DK-6430 Nordborg, Denmark (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUNCH-FALS, Jakob [DK/DK]; Tvarvej 70 b, DK-2830 Virum (DK).

(74) DANFOSS A/S; DK-6430 Nordborg, Denmark (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HR HU IL IN IS JP KR KZ LT LU LV MD MK MX NO NZ PL PT RO RU SE SG SK TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B05C 17/01

(11) WO 03/086657 (13) A1

(21) PCT/US03/11386

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,292 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ERGONOMIC HANDLE ASSEMBLY FOR DISPENSER OF EXTRUDABLE MATERIAL

• ENSEMBLE POIGNEE ERGONOMIQUE DESTINE A UN DISTRIBUTEUR DE MATERIAU EXTRUDABLE

(63) US 60/372,292 (CIP)
12 Apr/avr 2002 (12.04.2002)

(71) FRANKE COMMERCIAL SYSTEMS, INC. [US/US]; 310 Techpark Drive, La Vergne, TN 37086 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) WATSON, Jeffrey, C. [NZ/US]; 3144 Vera Valley Road, Franklin, TN 37064 (US).

(74) SINGER, James, M.; Pepper Hamilton LLP, 500 Grant Street, 50th Floor, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ B05C 17/02

(11) WO 03/086658 (13) A1

(21) PCT/US02/11057

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROLLER CAGE ASSEMBLY WITH FIXED ROLLER SLEEVE
• ENSEMBLE CAGE A ROULEAUX A ENVELOPPE DE ROULEAU FIXE

(71, 72) DOVE, Michael, J. [US/US]; 24114 Lindley Street, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B05D 1/18, 1/36, 3/12, 7/14

(11) WO 03/086659 (13) A1

(21) PCT/US03/09197

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/120,053 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLUTION FOR SEALING POROUS METAL SUBSTRATES AND PROCESS OF APPLYING THE SOLUTION

• SOLUTION D'ÉTANCHEIFICATION DE SUBSTRATS MÉTALLIQUES POREUX ET PROCÉDE D'APPLICATION DE LADITE SOLUTION

(71) CONSPECTUS, INC. [US/US]; 1560 N.Sandburg Terrace, Chicago, IL 60610 (US).

(72) REUSCHER, Craig, J.; 1560 N.Sandburg Terrace, Chicago, IL 60610 (US).

(74) ZICKERT, Lloyd, L.; 79 West Monroe Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B05D 3/02, C08J 3/12

(11) WO 03/086660 (13) A1

(21) PCT/US03/01076

(22) 31 Jan/jan 2003 (31.01.2003)

(25) en (26) en

(30) 60/370,693 9 Apr/avr 2002 US (09.04.2002)

(30) 10/355,162 31 Jan/jan 2003 US (31.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETIC NANOPARTICLES HAVING PASSIVATED METALLIC CORES

• NANOPARTICULES MAGNÉTIQUES À COEUR MÉTALLIQUE PASSIVE

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE NAVY [US/US]; Naval Research Laboratory, Code 1008.2, 4555 Overlook Avenue, S.W., Washington, DC 20375 (US).

(72) CARPENTER, Everett; 10138 Gardens Lane, Silver Spring, MD 20903 (US). HARRIS, Vincent; 8908 Church Field Lane, Laurel, MD 20708 (US).

(74) KARASEK, John, J. et al. / etc.; Associate Counsel, Naval Research Laboratory, 4555 Overlook Avenue, S.W., Washington, DC 20375-5325 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05D 7/00

(11) WO 03/086661 (13) A1

(21) PCT/US03/10370

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,155 5 Apr/avr 2002 US (05.04.2002)

(30) 10/407,611 4 Apr/avr 2003 US (04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR APPLYING AUTOMOTIVE QUALITY EFFECT COATINGS TO METAL SUBSTRATES

• PROCÉDE POUR APPLIQUER DES REVÊTEMENTS À EFFET DE QUALITÉ, DESTINÉS À DES AUTOMOBILES, SUR DES SUBSTRATS MÉTALLIQUES

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) BYERS, Alicia; 1513 Oberline Street, Pittsburgh, PA 15206 (US). BURGMAN, John W.; 3007 East Ridge Drive, Gibsonia, PA 15044 (US). DEROUIN, Lana L.; 116 Greenhill Road, Pittsburgh, PA 15237 (US). HUMBERT, Erik J.; 1020 Fieldstone Court, Tarentum, PA 15084 (US). LETZRING, Hans F.; 45 Maywood Avenue, Pleasant Ridge, MI 48069 (US). MILLERO, Jr., Edward R.; 3138 Seneca Court, Gibsonia, PA 15044 (US).

(74) ALTMAN, Deborah M. et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05D 7/16

(11) WO 03/086662 (13) A2

(21) PCT/US02/11796

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS OF FORMING ANTI-CORROSION COATINGS AND ARTICLES FORMED THEREBY

• PROCÉDE DE FABRICATION DE REVÊTEMENTS ANTICORROSIFS ET ARTICLES AINSI OBTENUS

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) GUO, Hua; 93 Dorchester Avenue, Selkirk, NY 12158 (US). ZARNOCH, Kenneth, Paul; 7 Horstman Drive, Scotia, NY 12302 (US).

(74) SNYDER, Bernard et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B07B 1/18, 1/22

(11) WO 03/086663 (13) A1

(21) PCT/CA03/00063

(22) 21 Jan/jan 2003 (21.01.2003)

(25) en (26) en

(30) 10/118,194 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TROMMEL
• TROMMEL

(71) INCO LIMITED [CA/CA]; P.O. Box 44, 145 King Street, Suite 1500, Royal Trust Tower, Toronto-Domino Centre, Toronto, Ontario M5K 1N4 (CA).

(72) SLAYER, Ralph, Edward; 37 Ridge Drive, Oakville, Ontario L6H 1B7 (CA). BOWERMAN, Barry, Ross; 133 Black Lake Road, Lively, Ontario P3Y 1H5 (CA). SCHOLEY, Kenneth, Erwin; 353 Laura Avenue, Sudbury, Ontario P3E 3S1 (CA).

(74) McGRAW, James. et al. / etc.; Smart & Biggar, 900 - 55 Metcalfe Street, P.O.Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B07C

(11) WO 03/086664 (13) A2

(21) PCT/US03/11194

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,979 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAIL SORTING PROCESSES AND
SYSTEMS

• SYSTEMES ET PROCEDES DE
TRIAGE DE COURRIER

(71) TRITEK TECHNOLOGIES, INC.
[US/US]; 103 East Bridle Path, Hockessin,
DE 19707 (US).

(72) MALATESTA, James; 103 East Bridle Path,
Hockessin, DE 19707 (US). COHEN, Ed-
ward; 15 Winterberry Court, Mount Laurel,
NJ 08054 (US).

(74) KLUGER, Joan, T.; Schnader Harrison Se-
gal & Lewis LLP, Suite 3600, 1600 Market
Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B07C

(11) WO 03/086665 (13) A2

(21) PCT/US03/08275

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 60/363,648 11 Mar/mar 2002 US
(11.03.2002)

(30) 10/382,436 6 Mar/mar 2003 US
(06.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROLLING TIMING OF MAIL
PIECES BEING PROCESSED BY A
MAILING SYSTEM

• REGULATION DU CADENCEMENT
D'ENVOIS POSTAUX EN COURS DE
TRAITEMENT PAR UN SYSTEME
POSTAL

(71) PITNEY BOWES INC. [US/US]; 1 Elm-
croft Road, Stamford, CT 06926 (US).

(72) TUFEKOI, Celal, S.; 165 Center Street,
Apt. 3, West Haven, CT 06516 (US). JA-
COBSON, Gary, S.; 2 Pine Hill Avenue,
Norwalk, CT 06855 (US).

(74) MEYER, Robert, E.; Pitney Bowes Inc., 35
Waterview Drive, P.O. Box 3000, Shelton, CT
06484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B07C 5/36

(11) WO 03/086666 (13) A1

(21) PCT/DK03/00221

(22) 4 Apr/avr 2003 (04.04.2003)

(25) da (26) en

(30) PA 2002 00508 5 Apr/avr 2002 DK
(05.04.2002)

(30) PA 2002 00717 10 May/mai 2002 DK
(10.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SYSTEM FOR THE SORTING OF OB-
JECTS

• SYSTEME POUR TRIER DES OBJETS

(71) ANKER ANDERSEN RETURSYSTEM
A/S [DK/DK]; AA Recycling, Olholm By-
gade 68, DK-7160 Tørring (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PETERSEN, Steen [DK/DK];
Skovbyvej 56, Dk-7080 Borkop (DK).

(74) LARSEN & BIRKEHOLM A/S; Skan-
dinavisk Patentbureau, Banegårdspaldsen 1,
P.O. Box 362, DK-1570 Copenhagen V (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model
/ modèle d'utilité) DE DK (Utility model
/ modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ B08B 1/00, 7/00, 9/00, 9/04, F16L 45/00,
55/00

(11) WO 03/086667 (13) A1

(21) PCT/US03/10348

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,125 6 Apr/avr 2002 US
(06.04.2002)

(30) Not furnished / 24 Mar/mar 2003 US
non communiqué (24.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR
CLEANING AN ENDOSCOPE

• APPAREIL ET PROCEDE DE NET-
TOYAGE D'UN ENDOSCOPE

(71) HYDROPHILIX, LLC [US/US]; 100 Mid-
dle Street, West Towner, Portland, ME 04104-
5029 (US).

(72) THOMSON, Timothy; 124 Maine Street,
West Newbury, MA 01985 (US). STOD-
DARD, Dan, H.; 1 Grasshopper Lane,
Kennebunk, ME 04043 (US).

(74) EVANS, Barry; Kramer Levin Naftalis &
Frankel LLP, 919 Third Avenue, New York,
NY 10022 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK DM EE ES FI GB GD
GE GH HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MK MN MW
MX NO NZ PL PT RO RU SD SE SG SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B08B 3/00

(11) WO 03/086668 (13) A1

(21) PCT/US03/10354

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/369,852 5 Apr/avr 2002 US
(05.04.2002)

(30) 60/369,853 5 Apr/avr 2002 US
(05.04.2002)

(30) 10,324,221 19 Dec/déc 2002 US
(19.12.2002)

(30) 10/403,147 31 Mar/mar 2003 US
(31.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLUID ASSISTED CRYOGENIC
CLEANING

• NETTOYAGE CRYOGENIQUE AS-
SISTE PAR FLUIDE

(71) ECO-SNOW SYSTEMS, INC. [US/US];
4935 A Southfront Road, Livermore, CA
94550-9748 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BANERJEE, Souvik [US/US]; 4458
Gibraltar Drive, Fremont, CA 94536 (US).
CHUNG, Harlan, Forrest [US/US]; 16848

- Columbia Drive, Castro Valley, CA 94552 (US).
- (74) **KOHN, Kenneth, I.**; Kohn & Associates, PLLC, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B08B 3/02**
- (11) **WO 03/086669** (13) A1
- (21) PCT/US03/10760
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 10/121,245 **12 Apr/avr 2002 (12.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VEHICLE WASHING APPARATUS
- APPAREIL DE NETTOYAGE DE VEHICULE
- (63) US 10/121,245 (CON) 12 Apr/avr 2002 (12.04.2002)
- (71) **HERCULES SYSTEMS, INC.** [US/US]; 95 West Hills Road, Huntigton Station, NY 11746 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FLAXMAN, Michael** [US/US]; 200 Sterling Road, New York, NY 10528 (US).
- (74) **COHEN, Julian, H.** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **B08B 3/10**
- (11) **WO 03/086670** (13) A1
- (21) PCT/IL03/00288
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/372,392 **9 Apr/avr 2002 (09.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • APPLIANCE FOR TREATING NURSING BOTTLES AND ACCESSORIES
- APPAREIL DE TRAITEMENT DE BIBERONS ET D'ACCESSOIRES
- (71) **BAY-B RESEARCH AND DEVELOPMENT LTD.** [IL/IL]; 7 Shoham St., Kiryat Matalon, 49517 Petach-Tikva (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EISENBERG, Avi** [IL/IL]; Kibutz Degania B, 15130 Emek Hayarden (IL). **WEINSTEIN, Yechiel** [IL/IL]; Moshav Atzmon, 20170 M. Post Misgav (IL).
- (74) **LOWY, Avi**; **GLUCKSMAN - LOWY**, P.O.Box 6202, 31061 Haifa (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **B08B 9/02, B05B 15/02**
- (11) **WO 03/086671** (13) A1
- (21) PCT/EP03/03736
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) de (26) de
- (30) 102 16 581.5 **14 Apr/avr 2002 (14.04.2002)** DE
- (30) 103 12 973.1 **24 Mar/mar 2003 (24.03.2003)** DE
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR EMPTYING A SUPPLY LINE FOR COATING UNITS
- PROCEDE POUR VIDANGER UNE CONDUITE D'ALIMENTATION DE MACHINE A ENDUIRE
- (71) **ASIS GMBH** [DE/DE]; Kiem-Pauli-Strasse 3, 84036 Landshut (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MULTHAMMER, Hans-Jürgen** [DE/DE]; Lindenstrasse 20, 84066 Mallersdorf (DE).
- (74) **SCHÖN, Theodor**; Sonnleiten 7, 84164 Moosthenning (DE).
- (81) AU BR CA CN JP KP KR MX PL RU US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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- (51)⁷ **B08B 9/055, F16L 55/46**
- (11) **WO 03/086672** (13) A1
- (21) PCT/AU03/00428
- (22) **10 Apr/avr 2003 (10.04.2003)**

- (25) en (26) en
- (30) PS 1700 **12 Apr/avr 2002 (12.04.2002)** AU
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AUTOMATIC PNEUMATIC PROJECTILE LAUNCHING SYSTEM
- SYSTEME DE LANCEMENT DE PROJECTILES PNEUMATIQUE AUTOMATIQUE
- (71) **COMPRI TUBE CLEAN PTY LTD** [AU/AU]; 160 Beechboro Road, Bayswater, Western Australia 6053 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UNTERNAEHRER, Beat, Joseph** [CH/CH]; Gertrude Strasse 68, CH-8003 Zurich (CH).
- (74) **STARKIE, Steven, J.**; Griffith Hack, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B09B 3/00, B01D 11/02**
- (11) **WO 03/086673** (13) A1
- (21) PCT/JP03/04730
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) ja (26) ja
- (30) 2002-114381 **17 Apr/avr 2002 (17.04.2002)** JP
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR REMOVING HARMFUL SUBSTANCES
- PROCEDE ET DISPOSITIF D'ELIMINATION DE SUBSTANCES DANGEREUSES
- (71) **PBM KABUSHIKI KAISHA** [JP/JP]; 5-3, Iwashita, Gouroku, Aoba-ku, Sendai-shi, Miyagi 989-3121 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OJIMA, Fumihiko** [JP/JP]; 450-17, Aza Anaguchi, Takizawa, Takizawa-mura, Iwate-gun, Iwate 020-0173 (JP).
- (74) **SUDA, Atsushi**; 2-10-605, Nishiki-cho 1-chome, Aoba-ku, Sendai-shi, Miyagi 980-0012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B09B 5/00, B02C 18/40, E03C 1/266

(11) WO 03/086674 (13) A1

(21) PCT/KR03/00691

(22) 8 Apr/avr 2003 (08.04.2003)

(25) ko (26) en

(30) 10-2002-0019651 11 Apr/avr 2002 KR (11.04.2002)

(30) 10-2003-0014758 10 Mar/mar 2003 KR (10.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOOD WASTE DISPOSER AND AUTOMATIC PROCESS

• BROEUR D'ORDURES DE CUISINE ET TRAITEMENT AUTOMATIQUE

(71) FORECO CO., LTD [KR/KR]; 173-16, Gamjeon-Dong, Sasang-Gu, Busan 617-050 (KR).

(72) RYU, Oae-Yeol; 103-1502 Daewoo Green Apartment, Daeyoon-3-Dong, Nam-Gu, Busan 608-755 (KR). PARK, Jung-Chul; #705, Seojeon Apartment, 1649 Oncheon-Dong, Dongrae-Gu, Busan 607-060 (KR). KIM, Su-Dong; 305-4, Bugok-Dong, Gumjeong-Gu, Busan 609-320 (KR).

(74) SHONG, Jea-Wok; Federation of Fisheries Cooperative, Main Bldg. #402, 917 Dunsan-2-Dong, Seo-Ku, Dae-Jeon 302-122 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B21D

(11) WO 03/086675 (13) A2

(21) PCT/US03/06544

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(30) 60/372,048 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTECTIVE SLEEVE FOR THREADED CONNECTIONS FOR EXPANDABLE LINER HANGER

• MANCHON DE PROTECTION A ELEMENTS DE RACCORDEMENT FILETES POUR SUSPENSION DE LA COLONNE PERDUE

(71) ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COSTA, Scott [US/US]; 2011 Willow Point, Kingwood, TX 77339 (US). HOCKADAY, Joel, Gray [US/US]; 17318 Ginger Fields Lane, Tomball, TX 77375 (US). WADDELL, Kevin, K. [US/US]; 11007 Sprucedale Court, Houston, TX 77070 (US). RING, Lev [RU/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). BULLOCK, Michael [US/US]; 19827 Sky Country, Houston, TX 77094 (US). COOK, Robert Lance [US/US]; 934 Caswell Court, Katy, TX 77450 (US). KENDZIORA, Larry [US/US]; 6518 Williams School Court, Needville, TX 77461 (US). BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US). JACKSON, Tance [US/US]; 7209 Ridgemoor Lane, Plano, TX 75025 (US).

(74) MATTINGLY, Todd, et al. / etc.; Haynes and Boone, LLP, 1000 Louisiana Street, Suite 4300, Houston, TX 77002-5012 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B21D 7/06, 17/00, 37/04

(11) WO 03/086676 (13) A1

(21) PCT/US03/07762

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/119,456 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRAULIC COMPRESSION TOOL AND HYDRAULIC COMPRESSION TOOL MOTOR

• OUTIL A COMPRESSION HYDRAULIQUE ET MOTEUR CORRESPONDANT

(71) FCI AMERICAS TECHNOLOGY, INC. [US/US]; One East First Street, Reno, NV 89501 (US).

(72) LEFAVOUR, John, D.; 10 Pearson Street, Litchfield, NH 03052 (US). CHADBOURNE, Christopher, G.; 18 Oriole Drive, Nashua, NH 03063 (US). MONTMINY, Armand, T.; 53 Oak Street, Manchester, NH 03104 (US).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06483-6212 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B21D 39/00, B23P 11/00, 11/02, 13/04, 19/02, F16G 11/00

(11) WO 03/086677 (13) A1

(21) PCT/US03/12458

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,455 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF INSERTING METAL HEAT DISSIPATORS

• PROCEDE PERMETTANT D'INSERER DES DISSIPATEURS DE CHALEUR METALLIQUES DANS DES ENCEINTES ELECTRONIQUES

(71) COINING TECHNOLOGIES [US/US]; 400 Kuller Road, Clifton, NJ 07011 (US).

(72) LIPARI, John, M.; 31 Field Stone Drive, Sussex, NJ 07461 (US).

(74) RZUCIDLO, Eugene, C.; Greenberg Traurig LLP, 885 Third Avenue, 21st Floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B21D 39/02

(11) WO 03/086678 (13) A1

(21) PCT/FR03/01187

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04686 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CRIMPING BLADE PROFILE

• PROFIL DE LAME DE SERTISSAGE

(71) PROCESS CONCEPTION INGENIERIE [FR/FR]; 9, avenue du Maréchal Juin, F-92190 Meudon (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE GUEVEL, Gabriel** [FR/FR]; 22, rue du Domaine, F-35310 Chavagne (FR).

(74) **DAGES, Olivier**; PSA Peugeot Citroen, Département Propriété Industrielle (081), 18, rue des Fauvelles, F-92250 la Garenne Colombes (FR).

(81) BR JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B21D 41/00, 17/02**

(11) **WO 03/086679** (13) A1

(21) PCT/EP03/02731

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) de (26) de

(30) 202 05 807.7 **12 Apr/avr 2002 DE (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **DEVICE FOR THE PLASTIC DEFORMATION OF WORK PIECES**

• **DISPOSITIF DE DEFORMATION PLASTIQUE DE PIECES A USINER**

(71) **VOSS FLUID GMBH + CO. KG** [DE/DE]; Lüdenschneider Str. 52-54, 51688 Wipperfurth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGHAUS, Gerd** [DE/DE]; Alte Schulstr. 18, 51515 Kürten (DE).

(74) **SOLF, Alexander** et al. / etc.; Postfach 13 01 13, 42028 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B21D 43/10**

(11) **WO 03/086680** (13) A1

(21) PCT/SE03/00523

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) sv (26) en

(30) 0201065-0 **5 Apr/avr 2002 SE (05.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **A GRIPPING DEVICE AND AN INSTALLATION AND A METHOD FOR HANDLING WORKPIECES**

• **DISPOSITIF DE PREHENSION AINSI QU'INSTALLATION ET PROCEDE**

PERMETTANT DE MANIPULER DES PIECES

(71) **MORPHIC TECHNOLOGIES AKTIEBOLAG (publ)** [SE/SE]; Gammelbackavägen 6, S-691 51 Karlskoga (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAHLBERG, Anders** [SE/SE]; Sveagatan 15, S-413 14 Göteborg (SE).

(74) **KYLIN, Peter** et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D**

(11) **WO 03/086681** (13) A2

(21) PCT/EP03/02897

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) de (26) de

(30) 2002 0651/02 **18 Apr/avr 2002 CH (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD AND CASTING MACHINE FOR CASTING METAL, IN PARTICULAR STEEL TO GIVE PLANAR AND/OR LONGITUDINAL PRODUCTS**

• **PROCEDE ET MACHINE DE COULEE DESTINES A LA COULEE DE METAL, NOTAMMENT D'ACIER, SOUS FORME DE PRODUITS PLATS OU AL-LONGES**

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE). **MAIN MANAGEMENT INSPIRATION AKTIENGESELLSCHAFT** [CH/CH]; Sonnhaldenstrasse 51, CH-6052 Hergiswil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTI, Heinrich** [CH/CH]; Aeschstrasse 13, CH-8127 Forch (CH). **BARBE, Jacques** [FR/FR]; Le Bourg, F-42660 Tarentaise (FR).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D**

(11) **WO 03/086682** (13) A2

(21) PCT/US03/10075

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 10/117,462 **5 Apr/avr 2002 US (05.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **COLD-BOX FOUNDRY BINDER SYSTEMS HAVING IMPROVED SHAKE-OUT**

• **LIANTS POUR LA FONDERIE EN BOITE FROIDE PERMETTANT UN DECOCHAGE AMELIORE**

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **WOODSON, Wayne, D.**; 7142 N, 1800 E. Road, Georgetown, IL 61846 (US). **SHRIVER, H., Randall**; 6729 Maplebrook Lane, Columbus, OH 43235 (US).

(74) **HEDDEN, David, L.** et al. / etc.; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 11/06**

(11) **WO 03/086683** (13) A1

(21) PCT/US03/11263

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/121,567 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **CASTING STEEL STRIP**

• **COULAGE D'UNE BANDE D'ACIER**

(71, 72) **BLEJDE, Walter, N.** [AU/US]; 67 Lakeside Circle, Brownsburg, IN 46112 (US). **GLUTZ, Andrew** [AU/AU]; 60 Langson Avenue, Figtree, NSW 2525 (AU).

(74) **STEIN, Arland, T.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B22D 11/10, 41/50, 41/54, C04B 37/02, 35/66

(11) WO 03/086684 (13) A1

(21) PCT/JP03/04138

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-100366 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BINDING STRUCTURE OF REFRACTORY SLEEVE FOR INNER HOLE OF NOZZLE FOR CONTINUOUS CASTING

• STRUCTURE D'ASSEMBLAGE D'UN MANCHON REFRACTAIRE POUR L'ORIFICE INTERNE DE BUSE POUR LA COULEE EN CONTINU

(71) KROSAKIHARIMA CORPORATION [JP/JP]; 1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGATA, Koji [JP/JP]; c/o KROSAKIHARIMA CORPORATION, 1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 (JP).

(74) KOHORI, Susumu et al. / etc.; Hakata-Shin-Mitsui Bldg., 1-1, Hakataekimae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B22D 17/00

(11) WO 03/086685 (13) A2

(21) PCT/IT03/00224

(22) 10 Apr/avr 2003 (10.04.2003)

(25) it (26) en

(30) MI2002A000806 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A WORKING PROCESS FOR DIE-CAST ARTICLES

• PROCEDE DE TRAITEMENT D'ARTICLES MOULES SOUS PRESSION

(71) G.BAGGIOLI PRESSOFUSIONE EUROPE S.R.L. [IT/IT]; Via Losanna 16, I-20154 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAGGIOLI, Guido [IT/IT]; Via Como 4, I-23900 Lecco (IT).

(74) TANSINI, Elio, Fabrizio; Bugnion S.p.A., Viale Lancetti, 17, I-20158 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B22D 29/00

(11) WO 03/086686 (13) A1

(21) PCT/US03/11315

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,314 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR REMOVING CERAMIC MATERIAL FROM CAST COMPONENTS

• PROCEDE ET APPAREIL PERMETTANT D'OTER DU MATERIAU CERAMIQUE DE COMPOSES MOULES

(71) ROLLS-ROYCE CORPORATION [US/US]; P.O. Box 420, Indianapolis, IN 46206-0420 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHLIENGER, Max, Eric [US/US]; 2462 West Park Avenue, Napa, CA 94558 (US). BALDWIN, Michael [US/US]; 4050 Linda Vista Avenue, Napa, CA 94558 (US). EUGENIO, Ariel [US/US]; 217 West Tennyson Drive, Benicia, CA 94510 (US).

(74) ALLIE, John, H. et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B22F 3/02

(11) WO 03/086687 (13) A1

(21) PCT/JP03/04370

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(30) 2002-110950 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRESS MOLDING RARE EARTH ALLOY POWDER AND METHOD FOR PRODUCING SINTERED OBJECT OF RARE EARTH ALLOY

• PROCEDE PERMETTANT DE MOULER A LA PRESSE DE LA POUDRE D'ALLIAGE DE TERRE RARE, ET PROCEDE POUR PRODUIRE UN OBJET FRITTE EN ALLIAGE DE TERRE RARE

(71) SUMITOMO SPECIAL METALS CO., LTD. [JP/JP]; 7-19, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGAWA, Atsushi [JP/JP]; 3-9-7, Hirose, Shimamoto-cho, Mishima-gun, Osaka 618-0011 (JP). OKUMURA, Shuhei [JP/JP]; 2-1-2-905, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 618-0001 (JP).

(74) OKUDA, Seiji; OKUDA & ASSOCIATES, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23B 3/00

(11) WO 03/086688 (13) A1

(21) PCT/IL03/00232

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 154702 15 Apr/avr 2002 IL (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR VIBRATING CUTTING TOOL

• PROCEDE ET APPAREIL D'OUTIL DE DECOUPE VIBRANT

(71) OREN, Elimelech [IL/IL]; 6, Simtat-Golan St., 47213 Ranat Hasharon (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GOTS, Eduard [IL/IL]; 21/4 Arlozorov st., 49408 Petach-Tikva (IL). LAUENBURG, Naum [IL/IL]; 17, Hasakhlav st., 42823 Tso-ran (IL).

(74) GOLD-PATENTS & FINANCIAL SERVICES LTD; 43, Rubinstein St., 34987 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ B23C 5/10, 5/28, 3/00

(11) WO 03/086689 (13) A1

(21) PCT/US03/10505

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,777 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH-FREQUENCY TOOTH PASS CUTTING SYSTEM

• SYSTEME DE DECOUPE A PASSAGE DE DENTS HAUTE FREQUENCE

(71) THIRD WAVE SYSTEMS [US/US]; 7900 West 78th Street, Suite 250, Minneapolis, MN 55439 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARUSICH, Troy, D. [US/US]; 8785 Darnel, Eden Prairie, MN 55344 (US). MARUSICH, Kerry, J. [US/US]; 6544 Mere Drive, Eden Prairie, MN 55346 (US).

(74) KRAUS, Jason, R. et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23D 15/04

(11) WO 03/086690 (13) A1

(21) PCT/SE03/00406

(22) 12 Mar/mar 2003 (12.03.2003)

(25) sv (26) en

(30) 0201064-3 8 Apr/avr 2002 SE (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOOL DEVICE FOR HIGH-SPEED MACHINE-WORKING

• DISPOSITIF D'USINAGE A GRANDE VITESSE

(71) MORPHIC TECHNOLOGIES AKTIEBOLAG (PUBL) [SE/SE]; Gammelbackavägen 6, S-691 51 Karlskoga (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAHLBERG, Anders [SE/SE]; Sveagatan 15, S-413 14 Göteborg (SE).

(74) KYLIN, Peter et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23D 15/12

(11) WO 03/086691 (13) A1

(21) PCT/EP03/03114

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 17 026.6 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEARING MEANS FOR A CUTTING DEVICE

• MOYENS DE TRANSMISSION POUR UN DISPOSITIF DE COUPE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÖNING, Matthias [DE/DE]; Aispacherstrasse 25, 72764 Reutlingen (DE).

(74) STEIME, Josef; Patentanwälte Dreiss, Fuhendorf, Steimle, & Becker, Postfach 103762, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23D 51/16, 49/16

(11) WO 03/086692 (13) A1

(21) PCT/EP03/03956

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 0208843.3 18 Apr/avr 2002 GB (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRIVE MECHANISM FOR RECIPROCATING TOOL, AND RECIPROCATING TOOL INCLUDING SUCH MECHANISM

• MECANISME D'ENTRAÎNEMENT POUR OUTIL A MOUVEMENT ALTERNATIF, ET OUTIL A MOUVEMENT ALTERNATIF COMPRENANT CE MECANISME

(71) BLACK & DECKER INC [US/US]; Drummond Plaza, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALKER, Andrew [GB/GB]; 104 Carr House Drive, Newton Hall, Durham DH1 5XF (GB).

(74) BELL, Ian, Stephen et al. / etc.; Black & Decker, 210 Bath Road, Slough SL1 3YD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE

SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designation / pour la désignation suivante : US (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ B23D 53/06, 53/02, 55/02

(11) WO 03/086693 (13) A1

(21) PCT/BG03/00011

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 106618 16 Apr/avr 2002 BG (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CNC BAND-SAW FOR CUTTING METALS IN ALL DIRECTIONS OF A PLANE

• LAME-RUBAN A CNC DESTINEE AU DECOUPAGE DES METAUX DANS TOUTES LES DIRECTIONS DANS UN PLAN

(71) INSTITUTE OF WELDING AS [BG/BG]; "Asen Jordanov" Str., No 10, 1592 Sofia (BG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TASSEV, Asen Stojanov [BG/BG]; j.k. "Mladost-2", bl. 208, vh. 2, et. 9, app. 58, 1799 Sofia (BG).

(74) VELYANOVA, Vanya Dimitrova; Gen.Gurko Str., 44, 1000 Sofia (BG).

(81) AE AG AL AM AT AU AZ BA BB BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ B23G

(11) WO 03/086694 (13) A2

(21) PCT/US03/11254

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 2002-108871 11 Apr/avr 2002 JP (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BLIND NUT

• ECROU BORGNE

(71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKINO, Takanori [JP/JP]; Pop Rivet Fastener K. K., Hosoda, Noyori-cho, Toyohashi-shi, Aichi-Ken (JP).

(74) BROCK, Christopher, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designation / pour la désignation suivante : US; (i) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ B23K 9/095

(11) WO 03/086695 (13) A1

(21) PCT/SE03/00364

(22) 4 Mar/mar 2003 (04.03.2003)

(25) sv (26) en

(30) 0201057-7 5 Apr/avr 2002 SE (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE AND METHOD FOR MONITORING A WELDING AREA AND AN ARRANGEMENT AND A METHOD FOR CONTROLLING A WELDING OPERATION

• DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UNE ZONE DE SOUDURE, DISPOSITIF ET PROCEDE DE REGULATION D'UNE OPERATION DE SOUDURE

(71) VOLVO AERO CORPORATION [SE/SE]; S-461 81 Trollhättan (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENRIKSON, Per [SE/SE]; Hjärringvägen 6, S-461 73 Trollhättan (SE).

(74) FRÖHLING, Werner; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23K 9/12, 9/095

(11) WO 03/086696 (13) A1

(21) PCT/JP03/04140

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-99903 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARC WELDING EQUIPMENT

• MATERIEL DE SOUDAGE A L'ARC

(71) KABUSHIKI KAISHA YASKAWA DENKI [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIKAWA, Seigo [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). MORITA, Ryuichi [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

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(51)⁷ B23K 9/20, 11/00

(11) WO 03/086697 (13) A1

(21) PCT/DK03/00217

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 02076384.3 9 Apr/avr 2002 EP (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF ATTACHING A SHEET PANEL TO A METAL STRUCTURE AND A STUD WELDING SYSTEM FOR THIS

• PROCEDE DE FIXATION D'UNE TOLE SUR UNE STRUCTURE METALLIQUE ET SYSTEME DE SOUDAGE DE GOUJONS ASSOCIE

(71) ROCKWOOL INTERNATIONAL A/S [DK/DK]; Hovedgaden 584, Entrance C, DK-2640 Hedehusene (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEDERSEN, Kurt, Munk [DK/DK]; Hovedgaden 40, DK-4140 Borup (DK).

(74) PATENTGRUPPEN APS; Aosgården, Aaboulevard 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23K 33/00, 26/42, 101/30, B60B 21/00, B21D 53/30

(11) WO 03/086698 (13) A1

(21) PCT/JP03/04647

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-113479 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MANUFACTURING ANNULAR BODY

• PROCEDE DE FABRICATION D'UN CORPS ANNULAIRE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MITSUYOSHI, Hiroshi [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA KUMAMOTO SEISAKUSHO, 1500, Hirakawa, Oozu-machi, Kikuchi-gun, Kumamoto 869-1293 (JP). MASUDA, Yasuo [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA KUMAMOTO SEISAKUSHO, 1500, Hirakawa, Oozu-machi, Kikuchi-gun, Kumamoto 869-1293 (JP).

(74) KOYAMA, Yuu; Shuwa Kioicho TBR Bldg. Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) CN ES ID US VN.

(84) EP (IT).

(51)⁷ B23Q 7/14

(11) WO 03/086699 (13) A1

(21) PCT/JP03/04591

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-110810 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WORK CARRIER

• SUPPORT DE TRAVAIL

(71) HORKOS CORP [JP/JP]; 24-20, Kusado-cho 2-chome, Fukuyama-shi, Hiroshima 720-0831 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SUGATA, Shinsuke [JP/JP]; 12-23, Kusado-cho 3-chome, Fukuyama-shi, Hiroshima 720-0831 (JP). OOHIRA, Yasuhito [JP/JP]; 3378-1, Nishiebara-cho, Ibara-shi, Okayama 715-0006 (JP). AMAKO, Toshihiko [JP/JP]; 5538-4, Minoshima-cho, Fukuyama-shi, Hiroshima 721-0977 (JP).

(74) KASEGUMA, Hirotoshi; Second Floor, Sanyo Building, 2-6, Minami-machi, Fukuyama-shi, Hiroshima 720-0806 (JP).

(81) CN KR US.

(51)⁷ B23Q 17/24, 16/12, G01C 15/10

(11) WO 03/086700 (13) A1

(21) PCT/EP03/03952

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 0208845.8 18 Apr/avr 2002 GB (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROJECTION DEVICE

• DISPOSITIF DE PROJECTION

(71) BLACK & DECKER INC [US/US]; Drummond Plaza, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONE, Daniel [GB/GB]; 5 Black Road, Langley Moor, CO Durham DH7 8LW (GB). WADGE, Brian [GB/GB]; 82 Ashbourne Drive, Coxhoe, CO Durham, DH6 4SP (GB).

(74) BELL, Ian, Stephen; Black & Decker, 210 Bath Road, Slough SL1 3YD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B24B 1/00, 47/00, B23B 31/30

(11) WO 03/086701 (13) A1

(21) PCT/US03/10811

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en

(26) en

(30) 60/371,388 9 Apr/avr 2002 US (09.04.2002)

(30) 10/249,433 8 Apr/avr 2003 US (08.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTECTION OF WORK PIECE DURING SURFACE PROCESSING

• PROTECTION D'UNE PIECE A USINER PENDANT UN TRAITEMENT DE SURFACE

(71) STRASBAUGH, INC. [US/US]; 825 Buckley Road, San Luis Obispo, CA 93401 (US).

(72) KASSIR, Salman, Moudrek; 1949 Tulipwood Drive, Paso Robles, CA 93446 (US). SPIEGEL, Larry, A.; 117 Palisade, Apt. A, Pismo Beach, CA 93449 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24B 1/00

(11) WO 03/086702 (13) A1

(21) PCT/US03/08856

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/120,969 11 Apr/avr 2002 US (11.04.2002)

(30) 10/328,802 24 Dec/déc 2002 US (24.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF ROLL GRINDING

• PROCEDE DE MEULAGE DE CYLINDRES DE LAMINOIRS

(71) SAINT-GOBAIN ABRASIVES, INC [US/US]; 1 New Bond Street, Worcester, MA 01615 (US).

(72) BONNER, Anne, M.; 32 Decatur Drive, Nashua, NH 03062 (US). MATSUMOTO, Dean, S.; 163 Whitmarsh Avenue, Worcester, MA 01606 (US). LAMBERT, Edward, L.; 12 Heywood Drive, Westboro, MA 01581 (US). BRIGHT, Eric; 154 Arnold Road, Fiskdale, MA 01518 (US).

(74) PORTER, Mary, E. et al. / etc.; 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IN JP KR LU MX NO NZ PL PT RO RU SE ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B24B 1/00, B24D 11/00

(11) WO 03/086703 (13) A1

(21) PCT/US03/08936

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/120,969 11 Apr/avr 2002 US (11.04.2002)

(30) 10/328,802 24 Dec/déc 2002 US (24.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ABRASIVE ARTICLES WITH NOVEL STRUCTURES AND METHODS FOR GRINDING

• ARTICLES ABRASIFS A STRUCTURES NOUVELLES ET PROCÉDES DE POLISSAGE

(63) US 10/120,969 (CIP) 11 Apr/avr 2002 (11.04.2002)

US 10/328,802 (CIP) 24 Dec/déc 2002 (24.12.2002)

(71) SAINT-GOBAIN ABRASIVES, INC. [US/US]; 1 New Bond Street, Worcester, MA 01615 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONNER, Anne, M. [US/US]; 32 Decatur Drive, Nashua, NH 03062 (US). BRIGHT, Eric [US/US]; 154 Arnold Road, Fiskdale, MA 01518 (US). LAMBERT, Edward, L. [US/US]; 12 Heywood Drive, Westboro, MA 01581 (US). MATSUMOTO, Dean, S. [US/US]; 163 Whitmarsh Avenue, Worcester, MA 01606 (US). ORLHAC, Xavier [FR/FR]; 13 Cliveden Street, Worcester, MA 01606 (US). SHELDON, David, A. [US/US]; 13 Hayward Glen Drive, Millbury, MA 01527 (US).

(74) PORTER, Mary, E. et al. / etc.; Saint-Gobain Corporation, 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IN JP KR LU MX NO NZ PL PT RO RU SE US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B24B 1/00

(11) WO 03/086704 (13) A1

(21) PCT/US03/08946

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/120,969 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POROUS ABRASIVE ARTICLES WITH AGGLOMERATED ABRASIVES AND METHOD FOR MAKING THE AGGLOMERATED ABRASIVES

• ARTICLES ABRASIFS POREUX AVEC ABRASIFS AGGLOMERES ET PROCEDE DE FABRICATION DES ABRASIFS AGGLOMERES

(71) SAINT-GOBAIN ABRASIVES, INC. [US/US]; 1 New Bond Street, Worcester, MA 01615 (US).

(72) BRIGHT, Eric; 154 Arnold Road, Fiskdale, MA 01518 (US). WU, Mianxue; 4024 Hooch River Trail, Suwanee, GA 30024 (US).

(74) PORTER, Mary E; et al. / etc.; Saint-Gobain Corporation, 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IN JP KR LU MX NO NZ PL PT RO RU SE ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B24B 3/34, 41/06

(11) WO 03/086705 (13) A1

(21) PCT/SE03/00554

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201089-0 11 Apr/avr 2002 SE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR FASTENING TURNING CUTTERS

• DISPOSITIF D'ATTACHE DE LAMES PIVOTANTES

(71) TJ UTVECKLING AB [SE/SE]; Kråkbärsvägen 4, S-711 33 Lindesberg (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANSSON, Torgny [SE/SE]; Kråkbärsvägen 4, S-711 33 Lindesberg (SE).

(74) STRÖM & GULLIKSSON; Intellectual Property Consulting AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24B 37/04, H01L 21/304

(11) WO 03/086706 (13) A1

(21) PCT/JP03/04894

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-116721 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLISHING METHOD

• PROCEDE DE POLISSAGE

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOGAWA, Tetsuji [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). FUKUSHIMA, Makoto [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). SAKURAI, Kunihiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). YOSHIDA, Hiroshi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). NABEYA, Osamu [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). ICHIMURA, Teruhiko [JP/JP]; 1162-4, Higashioodake, Isehara-shi, Kanagawa 259-1133 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24B 41/047

(11) WO 03/086707 (13) A1

(21) PCT/FR03/01000

(22) 1 Apr/avr 2003 (01.04.2003)

(25) fr (26) fr

(30) 02/04051 2 Apr/avr 2002 FR (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SANDING MACHINE

• MACHINE A PONCER

(71) ROBERT, Sophie [FR/FR]; "La Grande Epine", F-35830 Betton (FR). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) GUEGUEN, Patrick [FR/FR]; "La Grande Epine", F-35830 Betton (FR).

(74) GUEGUEN, Patrick; "La Grande Epine", F-35830 Betton (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24C 5/06

(11) WO 03/086708 (13) A1

(21) PCT/JP03/03048

(22) 14 Mar/mar 2003 (14.03.2003)

(25) ja (26) ja

(30) 2002-113502 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE TREATMENT FACILITY OF METAL PLATE, METHOD FOR PRODUCING METAL PLATE AND SYSTEM FOR PRODUCING METAL PLATE

• INSTALLATION DE TRAITEMENT DE SURFACE DE PLAQUE METALLIQUE, PROCEDE DE PRODUCTION DE PLAQUE METALLIQUE ET SYSTEME DE PRODUCTION DE PLAQUE METALLIQUE

(71) JFE STEEL CORPORATION [JP/JP]; 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

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(72, 75) KIMURA, Yukio [JP/JP]; c/o Intellectual Property Department, JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). UENO, Masayasu [JP/JP]; c/o Intellectual Property Department, JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). SODANI, Yasuhiro [JP/JP]; c/o Intellectual Property Department, JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(74) OCHIAI, Kenichiro; c/o Intellectual Property Department, JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B24D 3/02, 3/00, D04H 13/00

(11) WO 03/086709 (13) A1

(21) PCT/US02/39837

(22) 13 Dec/déc 2002 (13.12.2002)

(25) en (26) en

(30) 10/120,050 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITE ABRASIVE ARTICLES AND A METHOD FOR MAKING SAME

• ARTICLES ABRASIFS COMPOSITES, ET PROCEDE D'ELABORATION

(71) GPMI COMPANY [US/US]; 1224 N. Hobson Street, Gilbert, AZ 85233 (US). SHALAG INDUSTRIES A.C.S., LTD [IL/IL]; Kibbutz Shamir, 12135 Upper Galilee (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENDOR, Yarron [IL/US]; 9267 E. Chino Drive, Scottsdale, AZ 85255 (US). PICKMAN, Ilan [IL/IL]; Kibbutz Shamir, 12135 Upper Galilee (IL). HORIN, Rachel,

Ben [IL/IL]; Kibbutz Shamir, 12135 Upper Galilee (IL). STRAUSS, Gil [IL/IL]; Kibbutz Shamir, 12135 Upper Galilee (IL).

(74) JENKINS, Richard, E.; Jenkins & Wilson, P.A., Suite 1400, University Tower, 3100 Tower Boulevard, Durham, NC 27707 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24D 13/06, 13/10

(11) WO 03/086710 (13) A1

(21) PCT/DK03/00238

(22) 10 Apr/avr 2003 (10.04.2003)

(25) da (26) en

(30) PA 2002 00552 13 Apr/avr 2002 DK
(13.04.2002)

(30) PA 2002 00551 13 Apr/avr 2002 DK
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CYLINDRIC DRUM WITH REPLACEABLE GRINDING ELEMENTS

• TAMBOUR CYLINDRIQUE COMPRENANT DES ELEMENTS DE MEULAGE AMOVIBLES

(71, 72) JESPERSEN, Poul, Erik [DK/DK]; Lyngvænget 6, DK-7870 Glyngøre (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B25B 5/08

(11) WO 03/086711 (13) A1

(21) PCT/DE03/01251

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 672.2 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLAMPING DEVICE

• DISPOSITIF DE SERRAGE

(71) TOX PRESSOTECHNIK GMBH & CO. KG [DE/DE]; Riedstrasse 4, 88250 Weingarten (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAPP, Eugen [DE/DE]; Max-Reger-Strasse 4, 88276 Berg (DE).

(74) SCHUSTER, Gregor et al. / etc.; Wiederholdstr. 10, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B25B 7/12, 7/10, 7/18

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(21) PCT/ES03/00167

(22) 11 Apr/avr 2003 (11.04.2003)

(25) es (26) es

(30) P200200876 15 Apr/avr 2002 ES
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LARGE-TRAVEL ACTUATING, AUTOMATIC APPROACH AND LARGE FORCE MULTIPLICATION DEVICE FOR PLIERS. SCISSORS AND TOOLS HAVING TWO HANDLES

• DISPOSITIF D'ACTIONNEMENT A LONGUE PORTEE, APPROCHE AUTOMATIQUE ET MULTIPLICATION DE FORCE ELEVEE POUR PINCES, CISEAUX ET OUTILS POURVUS DE DEUX MANCHES

(71, 72) GARCÍA SÁNCHEZ, Eduardo [ES/ES]; C/ Angelita Camerero 5-C, E-28035 Madrid (ES).

(74) SERRA GESTA, José, Ignacio; Gral. Martínez Campos 51-3^{er} iz, E-28010 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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Declaration / Déclaration :

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- (51)⁷ **B25B 15/00, 23/10**
(11) **WO 03/086713** (13) A1
(21) PCT/JP03/03774
(22) **27 Mar/mar 2003 (27.03.2003)**
(25) ja (26) ja
(30) 2002-115972 **18 Apr/avr 2002 JP (18.04.2002)**
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SCREW HOLDING SCREWDRIVER BIT AND COMBINATION THEREOF WITH SCREWS
• EMBOUT DE TOURNEVIS PORTE-VIS ET COMBINAISON DE CET EMBOUT AVEC DES VIS
(71, 72) **TOTSU, Katsuyuki** [JP/JP]; 32-13, Oshiage 1-chome, Sumida-ku, Tokyo 131-0045 (JP).
(74) **HONDA, Takashi**; Hosokawa Bldg. 8F, 1-17, Akasaka 1-chome, Minato-ku, Tokyo 107-0051 (JP).
(81) CN US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ **B25J**
(11) **WO 03/086714** (13) A2
(21) PCT/US03/10781
(22) **7 Apr/avr 2003 (07.04.2003)**
(25) en (26) en
(30) 60/370,523 **5 Apr/avr 2002 US (05.04.2002)**
(30) 60/370,924 **8 Apr/avr 2002 US (08.04.2002)**
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ROBOTIC SCRUB NURSE
• INSTRUMENTISTE ROBOTISEE
(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TREAT, Michael, R.** [US/US]; 792 Columbus Avenue, #4E, New York, NY 10025 (US). **LIGHTMAN, Martin, T.** [US/US]; 796 Escondido Road, Apartment 90, Stanford, CA 94305 (US). **BRADY, David, M.** [US/US]; 2309 38th Street, Apartment 1, Astoria, NY 11105 (US).
(74) **DIPPERT, William, H.**; Reed Smith LLP, 29th floor, 599 Lexington Avenue, New York, NY 10022 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B25J 9/04, 9/10**
(11) **WO 03/086715** (13) A1
(21) PCT/EP03/00572
(22) **22 Jan/jan 2003 (22.01.2003)**
(25) de (26) de
(30) 102 16 435.5 **12 Apr/avr 2002 DE (12.04.2002)**
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ROBOT ARM HAVING AN INTEGRATED DRIVE DEVICE
• BRAS DE ROBOT A DISPOSITIF D'ENTRAÎNEMENT INTEGRE
(71) **WITTENSTEIN AG** [DE/DE]; Walter-Wittenstein-Strasse 1, 97999 Igersheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KONSTAS, Georgios** [GR/GR]; 10 Ippokratous 10, GR-153 44 Kantza (GR). **BÜSCHER, Konstantin** [DE/DE]; Steigerwaldstrasse 23, 97999 Igersheim (DE).
(74) **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B25J 9/22, 19/06**
(11) **WO 03/086716** (13) A1
(21) PCT/JP03/04307
(22) **3 Apr/avr 2003 (03.04.2003)**
(25) ja (26) ja
(30) 2002-114727 **17 Apr/avr 2002 JP (17.04.2002)**
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ROBOT SYSTEM AND CONTROLLER
• SYSTEME ROBOTIQUE ET ORGANE DE COMMANDE ASSOCIE
(71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TANAKA, Michiharu** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). **MORITA, Ryuichi** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).
(81) KR US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

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- (51)⁷ **B25J 17/02, B23Q 1/54**
(11) **WO 03/086717** (13) A1
(21) PCT/DE03/01019
(22) **27 Mar/mar 2003 (27.03.2003)**
(25) de (26) de
(30) 102 16 571.8 **13 Apr/avr 2002 DE (13.04.2002)**
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • HYBRID PARALLEL MANIPULATOR FOR MOVING A WORKHEAD IN SPACE
• MANIPULATEUR PARALLELE HYBRIDE DESTINE A DEPLACER UNE TETE OPERATIONNELLE DANS L'ESPACE
(71) **1:1 PROTOTYPING HERBÁK GMBH** [DE/DE]; Beermiss 7, 75323 Bad-Wildbad-Calmbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HERBÁK, Zsolt** [DE/DE]; Beermiss 7, 75323 Bad-Wildbad-Calmbach (DE).
(74) **SCHÖN, Thilo** et al. / etc.; Patentanwälte Mayer Frank Schön, Schwarzwaldstrasse 1A, 75173 Pforzheim (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B25J 19/00**
(11) **WO 03/086718** (13) A1
(21) PCT/JP02/03679
(22) **12 Apr/avr 2002 (12.04.2002)**
(25) ja (26) ja
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ROBOT
• ROBOT
(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MURATA, Kenji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(74) **MIYATA, Kaneo** et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN DE GB JP KR US.

(51)⁷ B26D 3/08, B21D 13/10, 17/04, B21H 7/18, B21J 5/12, B21K 1/54

(11) WO 03/086719 (13) A1

(21) PCT/AU03/00430

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) PS 1693 11 Apr/avr 2002 AU (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MANUFACTURING A DIRECTIONALLY DEPENDENT REFLECTIVE SURFACE

• PROCEDE DE PRODUCTION DE SURFACE A DEPENDANCE DIRECTIONNELLE

(71) BISHOP STEERING TECHNOLOGY LIMITED [AU/AU]; 10 Waterloo Road, North Ryde, NSW 2113 (AU). ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLLARD, Kenneth, Brian, Thompson [AU/AU]; 12 Treloar Place, Menai, NSW 2234 (AU).

(74) PAPAMICHALAKIS, Frank; Bishop Innovation Limited, P O Box 135, North Ryde, NSW 1670 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B26D 3/12, 1/40, 7/26

(11) WO 03/086720 (13) A1

(21) PCT/FI03/00308

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fi (26) en

(30) 20020747 18 Apr/avr 2002 FI (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SHEET CUTTER WITH INCLINED CUTTING EDGE

• COUPEUR DE FEUILLE A BORD DE COUPE INCLINE

(71) M-REAL OYJ [FI/FI]; Revontulentie 6, FIN-02100 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTILA, Jorma [FI/FI]; Heikkiläntie 23, FIN-36240 Kangasala (FI). SUKSI, Hannu [FI/FI]; Ristahteentie 4, FIN-08500 Lohja as (FI). HEIKKILÄ, Jouko [FI/FI]; Vanhatie 6 A, FIN-07830 Pukaro (FI).

(74) SEPO LAINEN OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B27N 3/00

(11) WO 03/086721 (13) A1

(21) PCT/DE02/04297

(22) 22 Nov/nov 2002 (22.11.2002)

(25) de (26) de

(30) 102 16 954.3 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND INSTALLATION FOR RECOVERING CHIPS AND FIBERS FROM TIMBER PRODUCT REMNANTS

• PROCEDE ET INSTALLATION POUR RECUPERER DES COPEAUX ET DES FIBRES A PARTIR DE RESIDUS DE MATERIAUX DERIVES DU BOIS

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRUBER, Timon [DE/DE]; Hegerdorfstrasse 40, 38108 Braunschweig (DE).

(74) GRAMM, Werner; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B28B 3/02

(11) WO 03/086722 (13) A1

(21) PCT/ES02/00186

(22) 17 Apr/avr 2002 (17.04.2002)

(25) es (26) es

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VULCANISED PUNCH

• BURIN VULCANISE

(71) MOLCER, S.A. [ES/ES]; Partida Cariñena Poligono 43, 12540 Vila-Real (Castellón) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FERNANDEZ VICENTE, Rafael [ES/ES]; Partida Cariñena Poligono 43, 12540 Vila-Real (Castellón) (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Isabel; Explanada 8, 28040 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B28B 21/82, 21/76, 7/16

(11) WO 03/086723 (13) A1

(21) PCT/EP03/00870

(22) 29 Jan/jan 2003 (29.01.2003)

(25) de (26) de

(30) 102 16 404.5 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MANUFACTURING A SHAFT BOTTOM PART WITH LATERAL EXITS

• PROCEDE DE FABRICATION D'UNE PARTIE DE BASE DE Puits PRESENTANT DES DEVERS LATERAUX

(71) WAGENER & POLASCHECK VERTRIEBSGESELLSCHAFT MBH & CO. KG [DE/DE]; Gewerbestrasse 5, 33818 Leopoldshöhe (DE).

(72) WAGENER, Jürgen; Jungbrunnenweg 33, 33609 Bielefeld (DE). POLASCHECK, Peter; Kreiensieksheide 20, 33619 Bielefeld (DE).

(74) THIELKING, Bodo et al. / etc.; Gadderbaumer Strasse 14, 33602 Bielefeld (DE).

(81) PL.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ B29B 9/12, 9/14, B01J 2/00, B29C 47/38, C08L 23/06

(11) WO 03/086724 (13) A1

(21) PCT/EP03/03903

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 17 232.3 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILLED GRANULATES CONSISTING OF HIGH OR ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENES AND METHOD FOR PRODUCING SAID GRANULATES

• GRANULES CONSTITUES DE MATERIAUX DE REMPLISSAGE ET DE POLYETHYLENES A MASSE MOLECULAIRE ELEVEE OU ULTRA-ELEVEE ET LEUR PROCEDE DE PRODUCTION

(71) TICONA GMBH [DE/DE]; Professor-Staudinger-Strasse, 65451 Kelsterbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUSIK, Meinhard [DE/DE]; Holtstegstrasse 41, 46147 Oberhausen (DE). HAFKA, Stanislaw [DE/DE]; Jahnstrasse 22, 46145 Oberhausen (DE). LÜDTKE, Kerstin [DE/DE]; Lessingstrasse 4, 46499 Hamminkeln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29B 11/16, 15/08, B29C 51/00, 51/12, B29D 7/00, C08J 5/04

(11) WO 03/086725 (13) A1

(21) PCT/KR02/00658

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ko (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR PROCESSING FIBER-REINFORCED COMPOSITES USING FIBER MAT AND ITS MANUFACTURE

• APPAREIL DE TRAITEMENT DE COMPOSITES RENFORCES PAR DES FIBRES METTANT EN OEUVRE UN TAPIS DE FIBRES ET FABRICATION D'UN TEL COMPOSITE

(71) KARAM TECH CO., LTD. [KR/KR]; 63-2, Busong-ri, Jiksan-myun, Cheonan-shi, Chungcheongnam-do 330-815 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEO, Duck-Hyun [KR/KR]; 1105 Samho Park Tower, 1122-10, Ingye-dong, Paldal-gu, Suwon-shi, Gyeonggi-do 442-835 (KR). CHOI, Hyeong-Ki [KR/KR]; 2-1101 Shinseong Apt., 155-1, Shinsa 2-dong, Eunpyeong-gu, Seoul 122-885 (KR). LEE, Yong-Moo [KR/KR]; 101-305 Dongbu Haeoreum Apt., Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(74) KIM, Dong-Kyu; BYC Building, Suite 501, 648-1, Yoksam 1-dong, Gangnam-gu, Seoul 135-911 (KR).

(81) AU BR CA CN DE GB HU ID IN JP KP NO NZ PL RU US VN.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B29C 41/36, 41/12, B05D 1/26, 1/42

(11) WO 03/086726 (13) A1

(21) PCT/DE03/01148

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 102 16 013.9 11 Apr/avr 2002 DE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR APPLYING FLUIDS

• PROCEDE ET DISPOSITIF POUR APPLIQUER DES FLUIDES

(71) GENERIS GMBH [DE/DE]; Am Mittleren Moos 15, 86187 Augsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÖCHSMANN, Rainer [DE/DE]; Schlossstrasse 16, 86682 Genderkingen (DE). KUDERNATSCH, Alexander [DE/DE]; Säulingstrasse 39, 86163 Augsburg (DE).

(74) WAGNER, Sigrid; Steinsdorfstrasse 5, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B29C 43/02, 43/32

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(21) PCT/US03/10752

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(25) en (26) en

(30) 60/371,816 11 Apr/avr 2002 US (11.04.2002)

(30) 10/320,331 16 Dec/déc 2002 US (16.12.2002)

(30) 10/408,431 7 Apr/avr 2003 US (07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED CERAMIC CENTER PIN FOR COMPACTION TOOLING AND METHOD FOR MAKING SAME

• PIVOT EN CERAMIQUE AMELIORE POUR OUTILLAGE DE COMPACTAGE ET SON PROCEDE DE FABRICATION

(71, 72) GAKOVIC, Luka [US/US]; 26 Cheshire Ridge, Victor, NY 14564 (US).

(74) BASCH, Duane, C. et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445-2408 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B29C 45/00, 49/06, 49/64

(11) WO 03/086728 (13) A1

(21) PCT/DE03/01202

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 722.7 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PROCESSING PREFORMS

• PROCEDE ET DISPOSITIF POUR FAÇONNER DES PREFORMES

(71, 72) PESAVENTO, Modesto, M. [DE/DE]; Am Neuen Teich 10 a, 98574 Schmalkalden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B29C 45/12

(11) WO 03/086729 (13) A1

(21) PCT/EP02/04227

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR THE INJECTION MOULDING OF MOULDED BODIES MADE FROM PLASTIC

• DISPOSITIF POUR MOULER PAR INJECTION DES CORPS MOULES EN MATIERE PLASTIQUE

(71) LEHMANN GMBH & CO. KG [DE/DE]; Im Wellenbügel 3, 32108 Bad Salzuflen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAROSCHEK, Christoph [DE/DE]; Graf-von-Galen-Strasse 10a, 33619 Bielefeld (DE).

(74) DÖRING, Roger; Weidenkamp 2, 30855 Langenhagen (DE).

(81) BR CA CN HR HU IL MX PL US ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/14, B60R 13/02

(11) WO 03/086730 (13) A1

(21) PCT/US03/11059

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,892 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PANEL WITH INJECTION MOLDED COMPONENTS AND METHOD OF MAKING SAME

• PANNEAU A COMPOSANTS MOULES PAR INJECTION ET SON PROCEDE DE FABRICATION

(71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPRINGER, Rob, E. [US/US]; 9501 Lakeshore Drive, West Olive, MI 49460 (US).

(74) ANDERSON, SCOTT, D.; FOLEY & LARDNER, 777 E. Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ B29C 45/14, H01B 13/22

(11) WO 03/086731 (13) A1

(21) PCT/US03/11209

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,371 10 Apr/avr 2002 US (10.04.2002)

(30) 60/373,129 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LUBRICATING COATING AND APPLICATION PROCESS FOR ELASTOMERIC ELECTRICAL CABLE ACCESSORIES

• REVETEMENT LUBRIFIANT ET PROCEDE D'APPLICATION POUR ACCESSOIRES ELASTOMERES DE CABLE ELECTRIQUE

(71) THOMAS & BETTS INTERNATIONAL, INC. [US/US]; 250 Lillard Drive, Sparks, NV 89431 (US).

(72) BOLCAR, John, Paul; 9563 Jacktown Road, Bangor, PA 18013 (US).

(74) McDERMOTT, Kevin, E.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/16, A47K 4/00

(11) WO 03/086732 (13) A1

(21) PCT/JP03/04966

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116373 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BATHROOM COUNTER AND METHOD OF PRODUCING THE SAME

• TABLETTE DE SALLE DE BAIN ET SON PROCEDE DE PRODUCTION

(71) IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).

(72) HASEGAWA, Tomomi; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). AE, Haruhiko; 1-1, Anesakikaigan,

Ichihara-shi, Chiba 299-0107 (JP). SHI-BATA, Yasumasa; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) CN.

(51)⁷ B29C 45/17, 44/10, B29B 17/00, B29C 45/16, 44/04, B65D 5/42, 85/02, 5/56, 81/107, B29B 17/02, C08J 11/08, B08B 3/04, B02C 19/14, B09B 3/00, B01F 13/10, B02C 18/22, B29C 47/58, B02C 18/14, 18/44, B29C 47/10

(11) WO 03/086733 (13) A1

(21) PCT/US03/11642

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,001 12 Apr/avr 2002 US (12.04.2002)

(30) 60/387,948 22 Jul/juil 2002 US (22.07.2002)

(30) 60/397,808 22 Jul/juil 2002 US (22.07.2002)

(30) 60/397,953 22 Jul/juil 2002 US (22.07.2002)

(30) 60/397,980 22 Jul/juil 2002 US (22.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTISTEP SEPARATION OF PLASTICS

• SEPARATION DE PLASTIQUES PAR ETAPES MULTIPLES

(71) MBA POLYMERS, INC. [US/US]; 500 West Ohio Avenue, Richmond, CA 94804 (US).
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(72, 75) ALLEN, Laurence, E., III [US/US]; 50 Marine Drive, San Rafael, CA 94901 (US). RIISE, Brian, L. [US/US]; 106 Lookout Court, Hercules, CA 94901 (US). ALLEN, Paul, C. [US/US]; 2346 Mono Avenue, El Cerrito, CA 94530 (US). RAU, Ron, C. [US/US]; 6838 Saroni Drive, Oakland, CA 94611 (US).

(74) PORTER, Timothy, A.; Fish & Richardson, P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/27

(11) WO 03/086734 (13) A1

(21) PCT/CA03/00550

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,711 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOLD GATE INSERT WITH A THERMAL BARRIER

• INSERT D'ENTRÉE DE MOULE À BARRIÈRE THERMIQUE

(71) MOLD-MASTERS LIMITED [CA/CA]; 233 Armstrong Avenue, Georgetown, Ontario L7G 4X5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GELLERT, Jobst [CA/CA]; 125 Gloucester Avenue, Oakville, Ontario L6J 3W3 (CA).

(74) ROWAND, Fraser, D. et al. / etc.; Ridout & Maybee LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/44, B65D 1/22

(11) WO 03/086735 (13) A1

(21) PCT/NL03/00285

(22) 15 Apr/avr 2003 (15.04.2003)

(25) nl (26) en

(30) 1020391 15 Apr/avr 2002 NL
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COLLAPSIBLE CONTAINER FROM PLASTIC, AND METHOD AND MOLD FOR THE MANUFACTURE THEREOF

• CONTENANT EN PLASTIQUE PLIABLE, PROCEDE ET MOULE POUR LA FABRICATION DE CELUI-CI

(71) FOUNTAIN PATENTS B.V. [NL/NL]; Rivium Quadrant 90, NL-2909 LC Capelle aan den IJssel (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOOGLAND, Hendricus, Antonius [NL/NL]; Ganimesstraat 40, NL-1562 ZM Krommenie (NL).

(74) PRINS, A., W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B29C 47/02, F16J 15/14, B29C 39/10, G11B 33/02, 33/12, 25/04

(11) WO 03/086736 (13) A1

(21) PCT/JP03/04041

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-091083 28 Mar/mar 2002 JP
(28.03.2002)(30) 2002-091084 28 Mar/mar 2002 JP
(28.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MANUFACTURING GASKET FOR HARD DISK DEVICE AND GASKET

• PROCEDE DE FABRICATION DE JOINT POUR DISPOSITIF DE DISQUE DUR ET JOINT

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UTSUNOMIYA, Tadashi [JP/JP]; 2-20-24, Komachi, Kamakura-shi, Kanagawa 248-0006 (JP). OGATA, Tomohiro [JP/JP]; 150-7, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0812 (JP). SAITO, Youkou [JP/JP]; 1899-203, Shimokurata-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0815 (JP). MASHITA, Naruhiko [JP/JP]; 2810-2-307, Totsuka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0003 (JP). HIRAIWA, Toshihiko [JP/JP]; c/o Bridgestone Corporation, Yokohama Factory, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8510 (JP).

(74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 63/12, 63/08, E02B 3/12, 5/02

(11) WO 03/086737 (13) A1

(21) PCT/AU03/00425

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) PS 1672 10 Apr/avr 2002 AU
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LAMINATED SHEET FOR LINER APPLICATIONS

• FEUILLE STRATIFIEE POUR APPLICATIONS DE GAINAGE

(71) GOODSTONE INTERNATIONAL PTY LTD. [AU/AU]; 83-85 Banbury Road, Reservoir, VIC 3073 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSTONE, Peter, James [AU/AU]; 83 Banbury Road, Reservoir, VIC 3073 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; 290 Burwood Road, Hawthorn, VIC 3122 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29D 11/00, G02B 6/12

(11) WO 03/086738 (13) A1

(21) PCT/EP02/04203

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR MANUFACTURING A MICRO-STRUCTURED OPTICAL FIBRE

• PROCEDE DE FABRICATION D'UNE FIBRE OPTIQUE MICROSTRUCTUREE

(71) PIRELLI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARIMONDI, Marco [IT/IT]; Via Volta, 25, I-27100 Pavia (IT). MACCHETTA, Andrea [IT/IT]; Viale Gian Galeazzo, 8, I-20136 Milano (IT). ASNAGHI, Daniela [IT/IT]; Via Foppa, 51, I-20144 Milano (IT). CASTALDO, Anna [IT/IT]; Via Cav. Ferante, 35, I-83020 Marzano di Nola (IT).

(74) BATTIPEDE, Francesco et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B30B 9/14

(11) WO 03/086739 (13) A1

(21) PCT/SE03/00619

(22) 17 Apr/avr 2003 (17.04.2003)

(25) sv (26) en

(30) 0201184-9 18 Apr/avr 2002 SE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SCREW COMPRESSOR FOR COM-
PRESSING WET MATTER AND A
METHOD FOR COMPRESSING AND
WASHING
• COMPRESSEUR A VIS SERVANT A
COMPRIMER UNE MATIERE HUMIDE
ET PROCEDE DE COMPRESSION ET
DE LAVAGE

(71) TETRA LAVAL HOLDINGS & FI-
NANCE S.A. [CH/CH]; 70, avenue
Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BÖRJESSON, Lennart [SE/SE];
Skansviken 404, S-663 92 Hammarö (SE).
ERIKSSON, Roland [SE/SE]; Fiskvik 293,
S-663 91 Hammarö (SE).

(74) KYLIN, Peter et al. / etc.; Hynell Patent-
tjänst AB, Patron Carls väg 2, S-683 40 Hag-
fors/Uddeholm (SE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B30B 9/18, 9/12

(11) WO 03/086740 (13) A1

(21) PCT/DK03/00215

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) PA 2002 00530 10 Apr/avr 2002 DK
(10.04.2002)

(30) PA 2002 01644 29 Oct/oct 2002 DK
(29.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PRESS FOR PRESSING LIQUID OUT
OF A MEDIUM
• PRESSE POUR EXPULSER UN LI-
QUIDE PAR COMPRESSION

(71) J.S. MASKINFABRIK A/S [DK/DK];
Hvidevold 1, DK-9800 Hjørring (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SØRENSEN, Freddy [DK/DK]; Hans
Jensens Allé 53, DK-9850 Hirtshals (DK).

(74) LARSEN & BIRKEHOLM A/S; Skan-
dinavisk Patentbureau, Banegårdspladsen 1,
P.O. Box 362, DK-1570 Copenhagen V (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ B30B 11/08, 15/30, 15/00

(11) WO 03/086741 (13) A1

(21) PCT/GB03/01448

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0207767.5 4 Apr/avr 2002 GB
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR
MAKING A TABLET PRODUCT
• PROCEDE ET APPAREIL DE FA-
BRICATION D'UN PRODUIT SOUS
FORME DE COMPRIME

(71) GLAXO GROUP LIMITED [GB/GB];
Glaxo Wellcome House, Berkeley Avenue,
Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAILEY, Thomas, William [GB/GB];
Molins International Technology Centre,
13 Westwood Way, Westwood Business
Centre, Coventry, West Midlands CV4 8HS
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Molins International Technology Centre,
13 Westwood Way, Westwood Business
Park, Coventry, West Midlands CV4 8HS
(GB). SCHERZER, Raymond, Herbert
[US/US]; GlaxoSmithKline, Five Moore
Drive, Research Triangle Park, Durham, NC
27709 (US). SELF, Roger, Don [GB/GB];
GlaxoSmithKline, Priory Street, Ware, Hert-
fordshire SG12 0DJ (GB). WILSON, Alan,
Anthony [GB/GB]; GlaxoSmithKline, Park
Road, Ware, Hertfordshire SG12 0DP (GB).

(74) GIDDINGS, Peter, John; GlaxoSmithKline,
980 Great West Road, Brentford, Middlesex
TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B31D 5/00

(11) WO 03/086742 (13) A1

(21) PCT/GB03/01093

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 0208454.9 12 Apr/avr 2002 GB
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR
FORMING VOID-FILL PACKAGING
• APPAREIL ET PROCEDE POUR FOR-
MER DES ARTICLES DE REMBOUR-
RAGE

(71) GREEN LIGHT PACKAGING LIMITED
[GB/GB]; Higson & Co., 56 The Marina,
Deal, Kent CT14 6NP (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) THOMAS, Keith, Frederick [GB/GB];
4 Fairways Avenue, Coleford, Gloucester-
shire GL16 8RJ (GB).

(74) MARKS AND CLERK; 27 Imperial
Square, Cheltenham, Gloucestershire GL50
1RQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B31F 1/07

(11) WO 03/086743 (13) A1

(21) PCT/IT03/00211

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) FI2002A000061 12 Apr/avr 2002 IT
(12.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **DEVICE AND METHOD FOR JOINING LAYERS FOR FORMING SHEET PRODUCTS AND RESULTING PRODUCTS**
- **DISPOSITIF ET PROCÉDE PERMETTANT DE JOINDRE DES COUCHES AFIN DE FORMER DES FEUILLES ET PRODUITS OBTENUS**
- (71) **FABIO PERINI S.P.A.** [IT/IT]; Zone Ind.le P.I.P. Mugnano Sud, I-55100 Lucca (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIAGIOTTI, Guglielmo** [IT/IT]; Via di Vorno, 105, I-55060 Capannori, Lucca (IT). **MORELLI, Alessandro** [IT/IT]; Via del Brennero, 1896, I-55017 Pietro A Vico, Lucca (IT). **BENVENUTI, Angelo** [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT).
- (74) **MANNUCCI, Michele** et al. / etc.; Ufficio tecn. Ing. A. Manucci S.R.L., Via della Scala, 4, I-50123 Firenze (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B32B 3/00, 3/02, E04C 1/00, E04B 2/00**
- (11) **WO 03/086745** (13) A1
- (21) PCT/US03/10239
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) en (26) en
- (30) 60/371,394 **11 Apr/avr 2002 US (11.04.2002)**
- (30) 10/206,775 **29 Jul/juil 2002 US (29.07.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **FOAM FAUX TRAY CEILING SYSTEM**
- **SYSTEME DE FAUX PLAFOND DE TYPE PLATEAU EN MOUSSE**
- (71, 72) **ROGERS, Sandra, L.** [US/US]; 501 North Washington Street, Westmont, IL 60559 (US).
- (74) **LITMAN, Richard, C.** et al. / etc.; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B31F 5/04, D21H 27/30, B05C 1/08**
- (11) **WO 03/086744** (13) A1
- (21) PCT/SE03/00576
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 0201088-2 **9 Apr/avr 2002 SE (09.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **METHOD FOR PRODUCING A MULTI-PLY WEB OF FLEXIBLE MATERIAL, SUCH AS PAPER AND NON-WOVEN, AND MULTI-PLY MATERIAL PRODUCED BY THE METHOD**
- **PROCÉDE DE PRODUCTION D'UNE BANDE MULTIJET D'UN MATERIAU SOUPLE, TEL QUE DU PAPIER ET DU NON-TISSE, ET MATERIAU MULTIJET PRODUIT SELON CE PROCÉDE**
- (71) **SCA HYGIENE PRODUCTS AB** [SE/SE]; S-405 03 Göteborg (SE).
- (72) **SAARVÄLI, Eva-Li**; Björnåsgatan 5, S-426 53 Västra Frölunda (SE). **MÅNSSON, Anna**; Pinnharvsgatan 4D, S-431 47 Mölndal (SE). **ANDERSSON, Anders**; Skeppargränd 4A, S-444 31 Stenungsund (SE). **CARDFELT, Sören**; Askims Domarringsväg 212, S-436 38 Askim (SE). **THOREN, Agneta**; Bratåsåvågen 83, S-438 32 Landvetter (SE).
- (74) **STRÖM & GULLIKSSON IP AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (71) **SCA PACKAGING LIMITED** [GB/GB]; SCA Packaging House, 543 New Hythe Lane, Larkfield, Aylesford, Kent ME20 7PE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARTOIS, August, Liza, Florent** [BE/BE]; Olmenhoekstraat 39, 3071 Kortenberg (BE). **STREEFLAND, Wilhelmus, Albertus, Joseph** [NL/BE]; Kerhofdreef 3, Bus 4, 3001 Heverlee (BE).
- (74) **FRANK, B. Dehn & Co.**; 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B32B 5/24, 31/00, A61F 13/15, B29C 65/48, 65/00**
- (11) **WO 03/086747** (13) A1
- (21) PCT/US03/06800
- (22) **5 Mar/mar 2003 (05.03.2003)**
- (25) en (26) en
- (30) 10/119,181 **8 Apr/avr 2002 US (08.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **LAMINATE HAVING DIFFERENTIAL BOND STRENGTHS AND ABSORBENT ARTICLE MADE THEREFROM**
- **LAMINE PRESENTANT DES RESISTANCES D'ADHESION DIFFERENTIELLES ET ARTICLE ABSORBANT FORME AVEC CE LAMINE**
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) **STAGRAY, David, Allen**; 1415 Baytree Lane, Neenah, WI 54956 (US). **MUSIL, David, Charles**; 3725 S. School Avenue, Appleton, WI 54915 (US). **BUTLER, Amanda, Rae**; 171 Weatherstone Drive, Woodstock, GA 30188 (US). **HEYRMAN, Sheila, Marie**; N235 Hopfensperger Road, Appleton, WI 54915 (US).
- (74) **BAUM, Scott, A.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 7/02

(11) WO 03/086748 (13) A1

(21) PCT/NO03/00112

(22) 7 Apr/avr 2003 (07.04.2003)

(25) no (26) en

(30) 20021643 5 Apr/avr 2002 NO (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTWEIGHT ANTIBALLISTIC PANEL AND METHOD FOR MAKING SUCH PANEL

• PANNEAU ANTIBALISTIQUE LEGER ET SON PROCEDE DE FABRICATION

(71) HIFORM AS [NO/NO]; Postboks 214, N-1601 Fredrikstad (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSEN, Pål, Francis [NO/NO]; J.N. Jacobsensgate 18, N-1606 Fredrikstad (NO). PETTERSEN, Bjørn [NO/NO]; Kråkerøyveien 84, N-1671 Kråkerøy (NO).

(74) FLUGE & OMDAL PATENT AS; Postboks 214, N-1601 Fredrikstad (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (u) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ B32B 15/00

(11) WO 03/086749 (13) A1

(21) PCT/US03/10333

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/370,165 5 Apr/avr 2002 US (05.04.2002)

(30) 10/405,173 2 Apr/avr 2003 US (02.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GRAPHITE LAMINATE FUEL CELL PLATE

• PLAQUE DE PILE A COMBUSTIBLE STRATIFIEE EN GRAPHITE

(71) WEBSTER PLASTICS, INC. [US/US]; 83 Estates Drive West, Fairport, NY 14450 (US).

(72) MCMANUS, Edward, C.; 6057 Ely Avenue, Livonia, NY 14487 (US). LYONS, David, P.; 26 Wood Stone Rise, Pittsford, NY 14534 (US).

(74) RYAN, Thomas, B. et al. / etc.; Eugene Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 21/00, C09J 7/00

(11) WO 03/086750 (13) A1

(21) PCT/EP03/03809

(22) 12 Apr/avr 2003 (12.04.2003)

(25) de (26) de

(30) 102 17 237.4 18 Apr/avr 2002 DE (18.04.2002)

(30) 102 30 647.8 8 Jul/juil 2002 DE (08.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR COATING UNEVEN SUBSTRATES WITH THIN COATING MATERIALS AND A LAYER SUPPORT PRODUCED ACCORDING THERETO

• PROCEDE POUR RECOUVRIR DES SUPPORTS NON PLANS AVEC DES MATERIAUX DE REVETEMENT DE FAIBLE EPAISSEUR ET SUPPORT AINSI REVETU

(71) BAUSCH GMBH [DE/DE]; Zusamstrasse 15, 86647 Bittenwiesen-Pfaffenhofen (DE). HENKEL DORUS GMBH & CO. KG [DE/DE]; Kirchheimer Strasse 7 - 9, 73441 Bopfingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LORENZ, Jürgen [DE/DE]; Brucknerstrasse 8, 73441 Bopfingen (DE). MAYER, Konstantin [DE/DE]; Wiesenstrasse 9, 86637 Zusamtheim (DE). DR. SCHUNCK, Stephan [DE/DE]; Carron-du-Val-Strasse 26a, 86161 Augsburg (DE).

(74) COHAUSZ & FLORACK (24); Kanzlerstr. 8a, 40472 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 27/00

(11) WO 03/086751 (13) A2

(21) PCT/EP03/03565

(22) 5 Apr/avr 2003 (05.04.2003)

(25) de (26) de

(30) 102 16 473.8 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-LAYER, TUBULAR PACKAGING CASING

• ENVELOPPE D'EMBALLAGE TUBULAIRE MULTICOUCHE

(71) TICONA GMBH [DE/DE]; Professor-Staudinger-Strasse, 65451 Kelsterbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEER, Ekkehard [DE/DE]; Adolfssecker Weg 15, 65307 Bad Schwalbach (DE). GOERLITZ, Wolfram [DE/DE]; Galileistrasse 12, 65193 Wiesbaden (DE). HOECKER, Bernd [DE/DE]; Kiedricher Strasse 5, 65345 Eltville-Raunthal (DE). FLIEGER, Dieter [DE/DE]; De la Remettaz 46, CH-1234 Genève-Vessy (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 27/02, B60R 13/02

(11) WO 03/086752 (13) A1

(21) PCT/US03/09256

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/371,814 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECYCLABLE INTERIOR TRIM PART

• ELEMENT DE GARNITURE INTERIEURE RECYCLABLE

(71) **INTIER AUTOMOTIVE INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, L3Y 4X7 Ontario (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASBURY, James, Daniel** [US/US]; 30080 Cobblestone Court, New Hudson, MI 48165 (US).

(74) **RASHID, Peter, J.** et al. / etc.; Rader, Fishman & Grauer PLLC, 39533 Woodward Avenue, Suite 140, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B32B 27/04, 27/08, 27/36, 27/30, 27/38, 27/42, 27/40, 27/20, 31/00**

(11) **WO 03/086753** (13) A1

(21) PCT/BR03/00016

(22) **7 Feb/fév 2003 (07.02.2003)**

(25) en (26) en

(30) PI 0201285-5 **12 Apr/avr 2002 BR (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DECORATED PANEL AND METHOD OF MAKING THE SAME
• PANNEAU DECORE ET SON PROCEDE DE FABRICATION

(71, 72) **FUSCO, Luciano** [IT/BR]; Rua Coronel Diogo, 710, CEP-01545-001 Sao Paulo, SP (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B32B 27/08, 27/32, 27/36, B65D 83/04**

(11) **WO 03/086754** (13) A1

(21) PCT/US02/15599

(22) **17 May/mai 2002 (17.05.2002)**

(25) en (26) en

(30) 10/117,519 **5 Apr/avr 2002 US (05.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THREE PART HIGH MOISTURE BARRIER FOR PACKAGES

• BARRIERE TRES EFFICACE CONTRE L'HUMIDITE EN TROIS ELEMENTS POUR EMBALLAGES

(71) **KLOECKNER PENTAPLAST OF AMERICA, INC.** [US/US]; P.O. Box 500, 3585 Kloeckner Road, Gordonsville, VA 22942 (US).

(72) **MILLER, Mark, Ralph**; 4156 Royal Ridge Court, Louisa, VA 23093 (US). **CARTER, Kevin, Junior**; 386 Penta Drive, Gordonsville, VA 22942 (US).

(74) **ROSDEN, Peter. E.** et al. / etc.; 1505 London Road, Charlottesville, VA 22901-8881 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ **B32B 27/08, 27/34, A61F 13/15, C08G 69/40**

(11) **WO 03/086755** (13) A1

(21) PCT/US03/12669

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/121,171 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUPERABSORBENT WATER SENSITIVE MULTILAYER CONSTRUCTION
• CONSTRUCTION MULTICOUCHE SUPERABSORBANTE SENSIBLE A L'EAU

(71) **H.B. FULLER LICENSING & FINANCING, INC.** [US/US]; 1200 Willow Lake Blvd., Box 64683, St. Paul, MN 55164-0683 (US).

(72) **ANDERSON, Stewart, C.**; 9920 Friar Drive, Eden Prairie, MN 55344 (US).

(74) **STONE, Kirsten, K.** et al. / etc.; 1200 Willow Lake Blvd., Box 64683, St. Paul, MN 55164-0683 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B32B 27/28, 1/08, F16L 11/04, 11/12, B32B 7/02, 7/04**

(11) **WO 03/086756** (13) A1

(21) PCT/US03/11130

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,800 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL FILLER HOSE

• TUYAU DE REMPLISSAGE DE CARBURANT

(71) **AVON PROPERTY MANAGEMENT CO.** [US/US]; 805 West Thirteenth Street, Cadillac, MI 49601 (US).

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(72, 75) **FAUBLE, Michael, K.** [US/US]; 9650 E. M-115, Cadillac, MI 49601 (US).

(74) **WILLIAMS, G., Thomas**; McGarry Bair PC, 171 Monroe Avenue, N.W., Suite 600, Grand Rapids, MI 49503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B32B 27/32, 27/34, B29C 47/06, C08J 5/18**

(11) **WO 03/086757** (13) A1

(21) PCT/NL03/00242

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(30) 1020393 **15 Apr/avr 2002 NL (15.04.2002)**

(30) 1020952 **27 Jun/juin 2002 NL (27.06.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTILAYER BLOWN FILM AND PROCESS FOR PRODUCTION THEREOF

• FILM TUBULAIRE A MULTIPLES COUCHES ET PROCEDE DE PRODUCTION DE CE DERNIER

(71) **DSM IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE KROON, Jan** [NL/NL]; In de Neerakker 1A, NL-6093 JH Heythuysen (NL).
BRINK, Ted [NL/NL]; Charles Voscur 4, NL-6211 XR Maastricht (NL).
NIJENHUIS, Atze, Jan [NL/NL]; Gangeltstraat 2, NL-6132 HB Sittard (NL).

(74) **KRIJGSMAN, Willem**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B32B 31/20, 31/30, B29C 47/06**

(11) **WO 03/086758** (13) A1

(21) PCT/US03/11351

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/372,243 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **NONWOVEN ABSORBENT FABRIC**
• **NON-TISSE ABSORBANT**

(71) **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) **FULLER, Charles**; 1512 Manning Place, Kannapolis, NC 28081 (US). **STEFFEN, John**; 472 Star Flower Lane, Sugar Hill, GA 30518 (US). **BISHOP, Nyle**; * (**). **BYE, David**; 1346 McKendree Park Court, Lawrenceville, GA 30043 (US).

(74) **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 6066-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41B 15/00, H04N 1/46, G06K 9/00**

(11) **WO 03/086759** (13) A1

(21) PCT/US03/10800

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 60/371,078 **9 Apr/avr 2002 (09.04.2002)** US

(30) 60/373,213 **17 Apr/avr 2002 (17.04.2002)** US

(30) 10/254,171 **25 Sep/sep 2002 (25.09.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **DATA ENCODING AND WORKPIECE AUTHENTICATION USING HALFTONE ONFORMATIN**
• **CODAGE DE DONNEES ET AUTHENTICATION DE PIECES AU MOYEN D'INFORMATION SIMILI**

(71) **THE ESCHER GROUP, LTD** [US/US]; 101 Main Street, Cambridge, MA 02142 (US).

(72) **METOIS, Eric**; 6 Ortona Street, Arlington, MA 02476 (US). **SMITH, Joshua, R.**; 30 Essex Street, Cambridge, MA 02139 (US). **YARIN, Paul, M.**; 8 Michael Way, Cambridge, MA 02141 (US).

(74) **SHEEHAN, Patricia, A.** et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41F 13/193, B41N 10/04, B41F 30/04**

(11) **WO 03/086760** (13) A1

(21) PCT/DE02/03142

(22) **28 Aug/août 2002 (28.08.2002)**

(25) de (26) de

(30) 60/371,411 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **CHARACTERIZATION, DETECTION OF A REFERENCE NUMBER, AND SELECTION OF SUITABLE WINDING MATERIALS FOR ROLLERS OF A PRINTING PRESS**
• **CARACTERISATION, DETERMINATION D'UN INDICE ET SELECTION DE GARNITURES APPROPRIÉES SUR LES CYLINDRES D'UNE MACHINE D'IMPRESSION**

(71) **KOENIG & BAUER AKTIENGESSELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHASCHEK, Karl, Erich, Albert** [DE/DE]; Schulstrasse 23, 97289 Thüngen (DE). **CHRISTEL, Ralf** [DE/DE]; Erlenweg 2, 96132 Aschbach (DE). **HAHN, Oliver, Frank** [DE/DE]; Speckertsweg 1, 97209 Veitshöchheim (DE). **MASUCH, Bernd, Kurt** [DE/DE]; Schwarze Äcker 37, 97273 Kürnach (DE). **WESCHENFELDER, Kurt, Johannes** [DE/DE]; Lerchenweg 1, 97299 Zell am Main (DE).

(74) **KOENIG & BAUER AKTIENGESSELLSCHAFT**; Patente - Lizenzen, Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41J**

(11) **WO 03/086761** (13) A2

(21) PCT/US03/05929

(22) **27 Feb/fév 2003 (27.02.2003)**

(25) en (26) en

(30) 10/121,536 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **AN APPARATUS FOR PRINTING AND APPLYING TAPE AND METHODS OF PRINTING AND APPLYING TAPE**

• **APPAREIL POUR IMPRIMER ET APPLIQUER DU RUBAN ADHESIF ET PROCÉDES D'IMPRESSION ET D'APPLICATION DU RUBAN ADHESIF**

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **MITCHELL, Michael, R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LUCHT, Steven, G.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VASILAKES, Lloyd, S.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BUSS, Melissa, E.** et al. / etc.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR) OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG)

(1) for all designated States / pour toutes les
désignations

(51)⁷ B41J 2/01

(11) WO 03/086762 (13) A1

(21) PCT/AU02/00774

(22) 14 Jun/juin 2002 (14.06.2002)

(25) en (26) en

(30) 10/120,350 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESSING OF IMAGES FOR HIGH
VOLUME PAGEWIDTH PRINTING

• TRAITEMENT D'IMAGES POUR IM-
PRESSION DE LARGEUR DE PAGE
HAUT DEBIT

(71) SILVERBROOK RESEARCH PTY. LTD.
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVERBROOK, Kia [AU/AU]; Silver-
brook Research Pty Ltd, 393 Darling Street,
Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B41J 2/015

(11) WO 03/086763 (13) A1

(21) PCT/AU02/00765

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 10/120,348 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PRINT ASSEMBLY FOR A WIDE
FORMAT PAGEWIDTH PRINTER

• ENSEMBLE D'IMPRESSION POUR
IMPRIMANTE A LARGE FORMAT DE
PAGE

(71) SILVERBROOK RESEARCH PTY. LTD.
[AU/AU]; 393 Darling Street, Balmain, New
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Sil-
verbrook Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU).

(74) SILVERBROOK, KIA; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B41J 2/015

(11) WO 03/086764 (13) A1

(21) PCT/AU02/00766

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 10/120,351 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WIDE FORMAT PAGEWIDTH INKJET
PRINTER

• IMPRIMANTE A JET D'ENCRE POUR
LARGEUR DE PAGE GRAND FORMAT

(71) SILVERBROOK RESEARCH PTY. LTD.
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVERBROOK, Kia [AU/AU]; 393
Darling Street, Balmain, New South Wales
2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B41J 2/045, 2/165, B81B 7/00

(11) WO 03/086765 (13) A1

(21) PCT/AU02/01168

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 10/120,439 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYMMETRICALLY ACTUATED INK
EJECTION COMPONENTS FOR AN
INK JET PRINthead CHIP

• COMPOSANTS D'EJECTION
D'ENCRE ACTIONNES SYMETRI-
QUEMENT POUR MICROCIRCUIT
INTEGRE DE TETE D'IMPRESSION A
JET D'ENCRE

(71) SILVERBROOK RESEARCH PTY LTD
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Sil-
verbrook Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU).

(74) SILVERBROOK, KIA; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/045, 2/165, B81B 7/00

(11) WO 03/086766 (13) A1

(21) PCT/AU02/01169

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 10/120,346 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISCRETE AIR AND NOZZLE CHAM-
BERS IN A PRINthead CHIP FOR AN
INKJET PRINthead

• CHAMBRES A AIR ET DE GICLEURS
SEPARÉES POUR PUCE DE TETE
D'IMPRESSION A JET D'ENCRE

(71) SILVERBROOK RESEARCH PTY LTD
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Sil-
verbrook Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU).

(74) SILVERBROOK, KIA; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/05, B81B 7/04

(11) WO 03/086767 (13) A1

(21) PCT/AU02/01164

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 10/120,345 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PUSHER ACTUATION IN A PRINT-HEAD CHIP FOR AN INKJET PRINT-HEAD

• COMMANDE DE L'EJECTEUR D'UNE PUCE DE TETE D'IMPRESSION POUR TETE D'IMPRESSION A JET D'ENCRE

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, KIA; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/05, B81B 3/00

(11) WO 03/086768 (13) A1

(21) PCT/AU02/00775

(22) 14 Jun/juin 2002 (14.06.2002)

(25) en (26) en

(30) 10/120,359 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOELASTIC INKJET ACTUATOR WITH HEAD CONDUCTIVE PATHWAYS

• ACTIONNEUR THERMOELASTIQUE DE JET D'ENCRE A CANAUX THERMOCONDUCTEURS

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041

(AU). MCAVOY, Gregory, John [IE/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, KIA; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/14

(11) WO 03/086769 (13) A1

(21) PCT/AU02/00762

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 10/120,347 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTION TRANSMITTING STRUCTURE FOR A NOZZLE ARRANGEMENT OF A PRINthead CHIP FOR AN INKJET PRINthead

• STRUCTURE DE TRANSFERT DE MOUVEMENT DESTINEE A UN SYSTEME DE BUSES D'UNE PUCE DE TETE D'IMPRESSION A JET D'ENCRE

(71) SILVERBROOK RESEARCH PTY. LTD. [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) SILVERBROOK, KIA; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/175, B81B 7/02, 7/04

(11) WO 03/086770 (13) A1

(21) PCT/AU02/00764

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 10/120,430 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH VOLUME PAGEWIDTH PRINTING

• IMPRESSION DE LARGEUR DE PAGE DE VOLUME ELEVE

(71) SILVERBROOK RESEARCH PTY. LTD. [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, KIA [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, KIA; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 11/00

(11) WO 03/086771 (13) A2

(21) PCT/US03/11292

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,613 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IDENTIFICATION OF RECORDING MEDIA

• IDENTIFICATION DE SUPPORT D'ENREGISTREMENT

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(72) TULLIS, Barclay J.; 1795 Guinda Street, Palo Alto, CA 94303 (US). ALLEN, Ross R.; 408 Hainline Drive, Belmont, CA 94002 (US). PICCIOTTO, Carl; 350 McKendry Place, Menlo Park, CA 94025 (US). GAO, Jun; 437 Whisman Park Drive, Mountain View, CA 94043 (US).

(74) HEMINGER, Susan, E.; Hewlett-Packard Company, IP Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41J 11/46, 15/22, 15/24**

(11) **WO 03/086772** (13) A1

(21) PCT/GB03/01440

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 0207984.6 **6 Apr/avr 2002 (06.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REGISTER CONTROL FOR PRINTING ON TO A MEDIUM

• COMMANDE D'ENREGISTREMENT POUR IMPRESSION SUR UN SUPPORT

(71) **SILVER FOX LIMITED** [GB/GB]; Swallow Court, Swallowfields, Welwyn Garden City, Hertfordshire AL7 1SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MICHAELSON, Nicholas, David** [GB/GB]; 58 Totteridge Common, London N20 8LZ (GB).

(74) **MAURY, Richard, Philip**; Sommerville & Rushton, 45 Grosvenor Road, St. Albans, Hertfordshire AL1 3AW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41M 5/38, 5/40**

(11) **WO 03/086773** (13) A1

(21) PCT/JP03/04106

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(30) 2002-98802 **1 Apr/avr 2002 (01.04.2002)** JP

(30) 2002-152500 **27 May/mai 2002 (27.05.2002)** JP

(30) 2002-216943 **25 Jul/juil 2002 (25.07.2002)** JP

(30) 2002-217154 **25 Jul/juil 2002 (25.07.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTICOLOR IMAGE FORMING MATERIAL

• MATERIAU DE FORMATION D'IMAGE MULTICOLORE

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).

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(72, 75) **MIYAKE, Kazuhito** [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP).
YAMAMOTO, Mitsuru [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP).
MATSUSHITA, Tetsunori [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ **B41N**

(11) **WO 03/086774** (13) A2

(21) PCT/DE03/01157

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) de (26) de

(30) 102 17 402.4 **18 Apr/avr 2002 (18.04.2002)** DE

(30) 102 37 205.5 **14 Aug/août 2002 (14.08.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BLANKET ON A ROLLER, ARRANGEMENTS OF THE ROLLER RELATIVE TO A SECOND ROLLER, AND PRINTING UNITS OF A PRINTING MACHINE EQUIPPED WITH THE ROLLER

• HABILLAGE PLACE SUR UN CYLINDRE, AGENCEMENTS DUDIT CYLINDRE PAR RAPPORT A UN SECOND CYLINDRE ET GROUPES D'IMPRESSION D'UNE MACHINE A IMPRIMER COMPORTANT LEDIT CYLINDRE

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTEL, Ralf** [DE/DE]; Erlenweg 2, 96132 Aschbach (DE).
HAHN, Oliver, Frank [DE/DE]; Speckertsweg 1, 97209 Veitshöchheim (DE).
SCHASCHEK, Karl, Erich, Albert [DE/DE]; Schulstr. 23, 97289 Thüngen (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Patente - Lizenzen, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B42D 15/00**

(11) **WO 03/086775** (13) A1

(21) PCT/NL03/00269

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) nl (26) en

(30) 1020346 **9 Apr/avr 2002 (09.04.2002)** NL

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DOCUMENT PROTECTED AGAINST FORGERY AND COMPRISING A COMPARATIVE PERFORATION

• DOCUMENT PROTEGE CONTRE LA FALSIFICATION ET COMPRENANT UNE PERFORATION COMPARATIVE

(71) **INDUSTRIAL AUTOMATION INTEGRATORS (I.A.I.) B.V.** [NL/NL]; De Run 5406, NL-5504 DE Veldhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN GERWEN, Johannes, Cornelis, Antonius** [NL/NL]; Venstraat 8, NL-5172 TV St. Michielsgestel (NL).

(74) **EVELEENS, Maarse, Pieter**; Arnold & Siedsma, Sweelinkplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B42D 15/02**

(11) **WO 03/086776** (13) A1

(21) PCT/KR03/00700

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) ko (26) en

(30) 20-2002-0011061 **12 Apr/avr 2002 (12.04.2002)** KR

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEAL TYPE LETTER PAPER

• PAPIER A LETTRE FORMANT ENVELOPPE

(71, 72) **YOU, Hack-Churl** [KR/KR]; 209, Gyeonghwa-dong 3-ga, Jinhae-si, Gyeongsangnam-do 645-270 (KR).

(74) **KIM, Samsu**; 5th Floor, Dabong Tower Bldg., 890-12, Daechi-dong, Kangnam-gu, Seoul 135-280 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B42F

(11) WO 03/086777 (13) A2

(21) PCT/DE03/01249

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 660.9 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR ARRANGING AND
TURNING OVER PERFORATED DOC-
UMENTS

• DISPOSITIF PERMETTANT DE CLAS-
SER ET DE TOURNER DES DOCU-
MENTS PERFORES

(71) BRANDENBURGISCHE TECHNISCHE
UNIVERSITÄT [DE/DE]; Universitätsplatz
3-4, 03044 Cottbus (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SIMON, Sylvio [DE/DE]; Lipezker
Strasse 11, 03042 Cottbus (DE). ROSEN-
BERG, Kay [DE/DE]; Dorfstrasse 22b,
02943 Boxberg (DE). JAEGER, Lutz
[DE/DE]; Bertolt-Brecht-Strasse 37, 01968
Senftenberg (DE).

(74) HANELT, Holger; Ströbitzer Str. 97, 03055
Cottbus (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51) B43K 29/00

(11) WO 03/086778 (13) A2

(21) PCT/IN03/00162

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 300/MAS/2002 18 Apr/avr 2002 IN
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WRITING PEN WITH BUILT-IN FACIL-
ITY FOR CREATING AN EMBOSSED
AND METALLIC COATED SURFACE
UNDER- LAYER FOR SIGNATURE, TO
SECURE ORIGINALITY

• STYLO D'ECRITURE A CAPACITE
INCORPOREE POUR LA CREATION
D'UNE SOUS-COUCHE A SURFACE
EN RELIEF ET DE REVETEMENT
METALLIQUE POUR LA SIGNATURE,
POUR GARANTIR L'AUTHEENTICITE

(71, 72) VENUGOPALAN, Chenicheri,
Vadakkil [IN/IN]; No. 75 Omkar Nagar,
Arekere Gate, Bannerghatta Road, Bangalore
560 076, Karnataka (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B44B 5/00

(11) WO 03/086779 (13) A2

(21) PCT/DE03/01042

(22) 29 Mar/mar 2003 (29.03.2003)

(25) de (26) de

(30) 102 16 139.9 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EMBOSSED DEVICE

• DISPOSITIF D'ESTAMPAGE

(71) LEONHARD KURZ GMBH & CO. KG.
[DE/DE]; Schwabacher Strasse 482, 90763
Fürth (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MITSAM, Reinwald [DE/DE];
Cadolzburgener Weg 15, 90579 Langenzenn
(DE).

(74) ZINSINGER, Norbert et al. / etc.; Louis
. Pöhlau . Lohrenz, Postfach 30 55, 90014
Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B44C 3/12, C03B 11/02, C03C 17/36,
B44C 1/14

(11) WO 03/086780 (13) A1

(21) PCT/IB03/01340

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) UD2002A000083 12 Apr/avr 2002 IT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD TO PRODUCE TESSERAEE
OF GLASS MOSAIC CONTAINING A
METAL FOIL

• PROCEDE POUR PRODUIRE DES TES-
SELLES DE MOSAIQUE EN VERRE
CONTENANT UNE FEUILLE METAL-
LIQUE

(71) BISAZZA SPA [IT/IT]; Zona Industriale del
Cosa, 6, I-33097 Spilimbergo (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BISAZZA, Giancarlo [IT/IT]; Via dei
Laghi, 37, I-36100 Vicenza (IT). BESOLI,
Aldo [IT/IT]; Via Conti Gualdo, 119, I-36075
Montecchio Maggiore (IT).

(74) PETRAZ, Gilberto; GLP Srl, Piazzale
Cavedalis, 6/2, I-33100 Udine (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B44C 7/02, E04B 9/30

(11) WO 03/086781 (13) A1

(21) PCT/FR03/01253

(22) 18 Apr/avr 2003 (18.04.2003)

(25) fr (26) fr

(30) 02/04864 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE TO GUARANTEE THE TEN-
SION AND ACCESS TO THE REVERSE
FACE OF A STRETCHED CANVAS

• DISPOSITIF DESTINE A ASSURER LA
TENSION ET LE LIBRE ACCES A LA
FACE VERSO D'UNE TOILE TENDUE

(71, 72) SCHERRER, Jean-Marc [FR/FR]; 5a,
rue du Collège, F-68400 Riedisheim (FR).
SCHERRER, Jean-Paul [FR/FR]; 76a, av-
enue de la 1ère DB, F-68100 Mulhouse (FR).

(74) PUIROUX, Guy; Cabinet Guieu & Bruder,
68, rue d'Hauteville, F-75010 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60C 9/00, 9/20, 9/22

(11) WO 03/086782 (13) A1

(21) PCT/JP03/04715

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-116174 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-8340 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOSHIMI, Takuya [JP/JP]; c/o
BRIDGESTONE CORPORATION Tech-
nical Center, 3-1-1, Ogawahigashi-cho,
Kodaira-shi, Tokyo 187-8531 (JP).
TAKIMURA, Mamoru [JP/JP]; c/o
BRIDGESTONE CORPORATION Tech-
nical Center, 3-1-1, Ogawahigashi-cho,
Kodaira-shi, Tokyo 187-8531 (JP).

(74) SUGIMURA, Kosaku; Kazan Building, 2-4,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ B60C 9/22

(11) WO 03/086783 (13) A1

(21) PCT/US02/10929

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PNEUMATIC TIRE CROWN REIN-
FORCEMENT

• ARMATURE POUR SOMMET DE
PNEU

(71) SOCIETE DE TECHNOLOGIE MICHE-
LIN [FR/FR]; 23, rue Breschet, F-63000
Clermont-Ferrand (FR).

(for all designated States except / pour tous
les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECH-
NIQUE S.A. [CH/CH]; Route Louis-Braille
10 et 12, CH-1763 Granges-Pacot (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OSBORNE, Daniel, Grier [US/US];
845 Westmoreland Road, Greer, SC 29651
(US). BOOZER, Matthew [US/US]; 304
Carson Road, Easley, SC 29642 (US). ES-
NAULT, Philippe [FR/US]; 9 Fredericksburg
Drive, Greenville, SC 29615 (US).

(74) FARRELL, Martin; Michelin North Amer-
ica, Inc., Intellectual Property Department,
P.O. Box 2026, Greenville, SC 29602-2026
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B60C 11/04

(11) WO 03/086784 (13) A1

(21) PCT/JP03/04790

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-111677 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TIRE FOR MOTORCYCLE

• PNEUMATIQUE POUR MOTO

(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-8340 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKAMURA, Ichizou [JP/JP]; c/o
BRIDGESTONE CORPORATION Tech-
nical Center, 3-1-1, Ogawahigashi-cho,
Kodaira-shi, Tokyo 187-8531 (JP).

(74) SUGIMURA, Kosaku; Kazan Building, 2-4,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ B60C 23/00, B60T 8/00, G01L 5/20, 17/00

(11) WO 03/086785 (13) A1

(21) PCT/US03/11038

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,884 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TIRE STATUS DETECTION SYSTEM
AND METHOD

• SYSTEME ET PROCEDE DE DETEC-
TION DE L'ETAT DE PNEUMATIQUE

(71) CONTINENTAL AG [DE/DE]; Vahren-
walder Strasse 9, 30165 Hannover (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GIUSTINO, James, Michael [US/US];
8801 Ferngrove Court, Waxhaw, NC 28173
(US). BICHLER, Alan, Roger [US/US];
* (US). GOSLAR, Marius [DE/DE];
Schunterstrasse 6, 38106 Braunschweig
(DE). LIU, Robert, Yen [US/US]; * (US).
BECHERER, Thomas [DE/DE]; * (DE).

(74) MOORHEAD, Sean, T.; Calfee, Halter &
Griswold LLP, 1400 McDonald Investment
Center, 800 Superior Avenue, Cleveland, OH
44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60C 23/04, G01D 7/00, 7/02

(11) WO 03/086786 (13) A1

(21) PCT/EP03/03920

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04965 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM STATE INDICATOR

• INDICATEUR D'ETAT D'UN SYSTEME

(71) SOCIETE DE TECHNOLOGIE MICHE-
LIN [FR/FR]; 23, rue Breschet, F-63000
Clermont-Ferrand (FR).

(for all designated States except / pour tous
les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECH-
NIQUE S.A. [CH/CH]; 10 et 12, route
Louis-Braille, CH-1763 Granges-Paccot
(CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOTTEBART, François [FR/JP];
Nakagawa-cho 3702-20, Ashikaga-shi,
Tochigi-ken 326-0825 (JP). SHEPHERD,
Russell [US/FR]; 17, rue des Jardins,
F-63170 Perignat-Les-Sarlieves (FR).
BOUGES, Thierry [FR/FR]; 1, place
de Chevry, F-91190 Gif sur Yvette (FR).

(74) DEQUIRE, Philippe; M.F.P. Michelin,
SGD/LG/PI-F35-Ladoux, F-63040 Cler-
mont-Ferrand Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60C 23/04

(11) WO 03/086787 (13) A1

(21) PCT/JP03/03485

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 2002-110114 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TIRE-STATE OBTAINING APPARATUS

- APPAREIL DE DETECTION DE L'ETAT D'UN PNEUMATIQUE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANATANI, Masaki [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). OGAWA, Atsushi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). DOI, Takashi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). URABABA, Shingo [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). TABATA, Masaaki [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). KUSUNOKI, Hideki [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). MORITA, Kouichi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) KANDO, Norikazu et al. / etc.; Kando Patent Office, Nagoya-Bldg., 5th Floor, 6-18, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60C 23/04

(11) WO 03/086788 (13) A1

(21) PCT/US03/11152

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,465 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD OF RECOGNITION OF TRANSMITTER IDENTIFIERS FOR TIRES ASSOCIATED WITH A VEHICLE

- SYSTEME ET PROCEDE DE RECONNAISSANCE D'IDENTIFIANTS D'EMETTEURS POUR PNEUS ASSO-CIES A UN VEHICULE

(71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEAVER, Kurt, L. [US/US]; 234 Elemeda Street, Holland, MI 49424 (US).

VREDEVOOGD, Loren, D. [US/US]; 2064 W. 32nd St., Holland, MI 49423 (US). AL-GERA, Benjamin, J. [US/US]; 266 Ferris Avenue, Holland, MI 49423 (US). HONECK, Brian, S. [US/US]; 13034 Blueberry Lane, Holland, MI 49424 (US).

(74) BRAYER, Michael, S.; Foley & Lardner, 777 E. Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60C 23/06

(11) WO 03/086789 (13) A1

(21) PCT/EP03/03780

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 17 133.5 17 Apr/avr 2002 DE (17.04.2002)

(30) 102 61 094.0 20 Dec/déc 2002 DE (20.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR IDENTIFYING TIRE CHARACTERISTICS

- PROCEDE D'IDENTIFICATION DE CARACTERISTIQUES D'UN PNEU

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; GUERICKESTRASSE 7, 60488 FRANKFURT/M. (DE). CONTINENTAL AG [DE/DE]; Vahrenwalder Str. 9, 30165 Hannover (DE). DAIMLER CHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRIEBER, Martin [DE/DE]; Akazienweg 8a, 65760 Eschborn (DE). KÖBE, Andreas [DE/DE]; Nibelungenstr. 26, 64625 Bensheim (DE). EDLING, Frank [DE/DE]; Seebachstr. 37, 65929 Frankfurt (DE). HOLTZ, Michael [DE/DE]; Wilhelm-Raabe-Weg 6, 30938 Burgwedel-Tönitz (DE). PERRAS, Karl [DE/DE]; Glückstr. 3, 75417 Mühlacker-Enzberg (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; GUERICKESTRASSE 7, 60488 FRANKFURT/M. (DE).

(81) DE JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B60G 3/20, 3/26, 7/02

(11) WO 03/086790 (13) A1

(21) PCT/GB03/01494

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0207921.8 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A ROAD VEHICLE SUSPENSION UNIT AND A METHOD OF CONSTRUCTING A ROAD VEHICLE SUSPENSION UNIT AND FITTING THE ROAD VEHICLE SUSPENSION UNIT TO A ROAD VEHICLE

- UNITE DE SUSPENSION DE VEHICULE ROUTIER, PROCEDE DE FABRICATION D'UNE UNITE DE SUSPENSION DE VEHICULE ROUTIER, ET POSE DE CETTE UNITE DE SUSPENSION SUR UN VEHICULE ROUTIER

(71) LOTUS CARS LIMITED [GB/GB]; Het-hel, Norwich, Norfolk NR14 8EZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BINGHAM, John, Kenneth [GB/GB]; 5 Turner Close, Wymondham, Norfolk NR18 0NP (GB). MCQUIRE, Robert [GB/GB]; East View, Pit Road, Burgh st. Peter, Norfolk NR34 0BG (GB). SAMPSON, Nicholas, John [GB/GB]; Claymore House, 43 Chapel Road, Attleborough, Norfolk NR17 2DS (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B60H 3/00, 3/06

(11) WO 03/086791 (13) A1

(21) PCT/FR03/01128

(22) 9 Apr/avr 2003 (09.04.2003)

(25) fr (26) fr
(30) 02/04649 **12 Apr/avr 2002** FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AIR PURIFICATION DEVICE FOR A MOTOR VEHICLE CABIN
• DISPOSITIF DE PURIFICATION DE L'AIR DE L'HABITACLE D'UN VEHICULE

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAUMIER, Carine [FR/FR]; 33, rue Saint-Honoré, F-78000 Versailles (FR). FEUILLARD, Vincent [FR/FR]; 5, rue Husson Carcenac, F-78320 Le Mesnil Saint Denis (FR). LADRECH, Frédéric [FR/FR]; 21 sente d'Arbois, F-78310 Maurepas (FR).

(74) LEVILLE, Christophe; Valeo Climatization, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60H 3/06

(11) WO 03/086792 (13) A1

(21) PCT/FR03/01126

(22) 9 Apr/avr 2003 (09.04.2003)

(25) fr (26) fr

(30) 02/04647 **12 Apr/avr 2002** FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PURIFICATION OF THE AIR IN A VEHICLE CABIN BY ADSORPTION AND PHOTOCATALYSIS
• PURIFICATION DE L'AIR DE L'HABITACLE D'UN VEHICULE PAR ADSORPTION ET PHOTOCATALYSE

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis-Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAUMIER, Carine [FR/FR]; 33, rue Saint-Honoré, F-78000 Versailles (FR). FEUILLARD, Vincent [FR/FR]; 5, rue Husson Carcenac, F-78320 Le Mesnil Saint Denis (FR).

(74) LEVEILLE, Christophe; Valeo Climatization, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60H 3/06

(11) WO 03/086793 (13) A1

(21) PCT/FR03/01127

(22) 9 Apr/avr 2003 (09.04.2003)

(25) fr (26) fr

(30) 02/04648 **12 Apr/avr 2002** FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AIR PURIFICATION DEVICE WITH DETACHABLE STRUCTURE

• DISPOSITIF DE PURIFICATION D'AIR A STRUCTURE SEPARABLE

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis Lormand, Boîte Postale 13, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAUMIER, Carine [FR/FR]; 33, rue Saint-Honoré, F-78000 Versailles (FR). FEUILLARD, Vincent [FR/FR]; 5, rue Husson Carcenac, F-78320 Le Mesnil Saint Denis (FR). LADRECH, Frédéric [FR/FR]; 21 sente d'Arbois, F-78310 Maurepas (FR).

(74) LEVEILLE, Christophe; Valeo Climatization, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60J

(11) WO 03/086794 (13) A2

(21) PCT/US03/10394

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,838 **8 Apr/avr 2002** US
(08.04.2002)

(30) 10/408,401 **7 Apr/avr 2003** US
(07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DECKLID MECHANISM FOR VEHICLE WITH RETRACTABLE TOP

• MECANISME DE PORTE DE COFFRE ARRIERE POUR VEHICULE AVEC TOIT AMOVIBLE

(71) SSR ROOFING SYSTEMS, LLC. [US/US]; 14967 Pilot Drive, Plymouth, MI 48170 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLESTERNINGS, Frank [DE/US]; 3365 Harbor Court, Highland, MI 48356 (US).

(74) WATHEN, Douglas, L. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Ave., Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 5/04, B29C 44/12, 45/14

(11) WO 03/086795 (13) A1

(21) PCT/EP03/03967

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 831.3 **16 Apr/avr 2002** DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICLE DOOR AND METHOD FOR THE PRODUCTION THEREOF

• PORTIERE DE VEHICULE ET PROCEDE PERMETTANT DE LA PRODUIRE

(71) SAI AUTOMOTIVE SAL GMBH [DE/DE]; Daimlerstrasse 1, 76744 Wörth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ECKHARDT, Bernhard [DE/DE]; Helgebachstr. 46, 35578 Wetzlar (DE). KÖLLNER, Harald [DE/DE]; Blütenstrasse 15, 63674 Altenstadt (DE). SCHWARZ, Werner [DE/DE]; In den Baumäckern 5a, 76865 Insheim (DE). STOOFF, Freddy [FR/FR]; 71, grand Rue, F-68180 Hornbourg-Wihr-en-Pleine (FR). RAHMSTORF, Peter [FR/FR]; 19, lotissement Pré Margot, F-38380 Saint Laurent du Pont (FR). BONHOFF, Norbert [DE/DE]; Zum Lünsberg 7, 46325 Borgen (DE). RÜSCHE, Heinz-Josef [DE/DE]; Zur Burg 2, 57489 Drolshagen-Bleche (DE). BERGERET, Wilfrid [FR/FR]; 20, impasse Gabriel Faure, F-90500 Beaucourt (FR).

(74) PFENNING MEINIG & PARTNER GBR; Joachimstaler Strasse 10-12, 10719 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 5/06

(11) WO 03/086796 (13) A1

(21) PCT/JP03/04111

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-097084 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWERED SLIDING DEVICE FOR VEHICLE SIDING DOOR

• DISPOSITIF DE COULISSAGE MOTO-RISE DESTINE A UNE PORTIERE LATERALE DE VEHICULE

(71) MITSUI KINZOKU KOGYO KABUSHIKI KAISHA [JP/JP]; 11-1, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOKOMORI, Kazuhito [JP/JP]; c/o Mitsui Kinzoku Kogyo Kabushiki Kasiha Nirasaki Works, 1200, Shimojo Nishiwari, Okusa-cho, Nirasaki-shi, Yamanashi 407-8555 (JP). WAKATSUKI, Shoji [JP/JP]; c/o Mitsui Kinzoku Kogyo Kabushiki Kasiha Nirasaki Works, 1200, Shimojo Nishiwari, Okusa-cho, Nirasaki-shi, Yamanashi 407-8555 (JP).

(74) NIIZEKI, Junichiro; NIIZEKI INTERNATIONAL PATENT OFFICE, 6-3, Nishi-shinjuku 6-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 5/14, E05D 15/24, E06B 9/15, 3/48

(11) WO 03/086797 (13) A1

(21) PCT/CA03/00470

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 2,380,918 8 Apr/avr 2002 CA (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROLLER FOR A PANEL

• GALET POUR PANNEAU

(71) PROPLAS LTD. [CA/CA]; 200 Trowers Road, Unit #5, Woodbridge, Ontario L4L 5Z7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERKS, Tom [CA/CA]; 200 Trowers Road, Unit #5, Woodbridge, Ontario L4L 5Z7 (CA).

(74) JOHNSON, Scott, T. et al. / etc.; Dennison Associates, 133 Richmond Street West, Suite 301, Toronto, Ontario M5H 2L7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ B60J 7/053

(11) WO 03/086798 (13) A1

(21) PCT/NL02/00239

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROOF ASSEMBLY FOR A VEHICLE

• ENSEMBLE TOIT DE VEHICULE

(71) INALFA INDUSTRIES B.V. [NL/NL]; Maasheseweg 83, NL-5804 AB Venray (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANDERS, Peter, Christiaan, Leonardus, Johannes [NL/NL]; Van Bronckhorststraat 70, NL-5961 SM Horst (NL). BOERSMA, Egbert [NL/NL]; Oudartstraat 6, NL-5708 CR Helmond (NL).

(74) METMAN, Karel, Johannes; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60J 7/14, 7/20, 7/08

(11) WO 03/086799 (13) A1

(21) PCT/DE03/01214

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 401.0 12 Apr/avr 2002 DE (12.04.2002)

(30) 102 18 410.0 24 Apr/avr 2002 DE (24.04.2002)

(30) 102 29 808.4 3 Jul/juil 2002 DE (03.07.2002)

(30) 102 43 085.3 16 Sep/sep 2002 DE (16.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOLDING TOP FOR A CABRIOLET VEHICLE

• CAPOTE DE CABRIOLET

(71) EDSCHA CABRIO-DACHSYSTEME GMBH [DE/DE]; Scharwächterstrasse 5, 94491 Hengersberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OBENDIEK, Klaus [DE/DE]; Oberer Sand 15, 94032 Passau (DE).

(74) BONNEKAMP, Horst et al. / etc.; Goltsteinstrasse 9, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 7/14, 7/20, 7/08

(11) WO 03/086800 (13) A1

(21) PCT/DE03/01215

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 401.0 12 Apr/avr 2002 DE (12.04.2002)

(30) 102 18 410.0 27 Apr/avr 2002 DE (27.04.2002)

(30) 102 29 808.4 3 Jul/juil 2002 DE (03.07.2002)

(30) 102 43 085.3 16 Sep/sep 2002 DE (16.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOLDING TOP FOR A CABRIOLET VEHICLE

• CAPOTE DE CABRIOLET

(71) **EDSCHA CABRIO-DACHSYSTEME GMBH** [DE/DE]; Scharwächterstrasse 5, 94491 Hengersberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBENDIEK, Klaus** [DE/DE]; Oberer Sand 15, 94032 Passau (DE).

(74) **BONNEKAMP, Horst et al.** / etc.; Goltsteinstrasse 9, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60J 7/20**

(11) **WO 03/086801** (13) A1

(21) PCT/EP03/03157

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) de (26) de

(30) 102 16 417.7 **12 Apr/avr 2002 DE (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BLOCKING DEVICE FOR A VEHICLE ROOF WHICH CAN BE MOVED BETWEEN A CLOSED POSITION AND A STORED POSITION**

• **DISPOSITIF D'ARRET POUR UN TOIT DE VEHICULE DEPLAÇABLE ENTRE UNE POSITION DEPLOYEE ET UNE POSITION REPLIEE**

(71) **CTS FAHRZEUG-DACHSYSTEME GMBH** [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAHN, Gerald** [DE/DE]; Cuxhavener Straße 176, 21149 Hamburg (DE).

(74) **MÜLLER, Gottfried et al.** / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **B60J 7/22**

(11) **WO 03/086802** (13) A1

(21) PCT/EP03/03385

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) de (26) de

(30) 102 16 431.2 **12 Apr/avr 2002 DE (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **HARDTOP VEHICLE ROOF HAVING AT LEAST ONE RIGID ROOF PART**

• **TOIT DE VEHICULE, AMOVIBLE, COMPORTANT AU MOINS UNE PARTIE RIGIDE**

(71) **CTS FAHRZEUG-DACHSYSTEME GMBH** [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASSELGRUBER, Andreas** [AT/DE]; Am Sonnenberg 41, 71735 Eberdingen-Nussdorf (DE). **WEZYK, Wojciech** [PL/DE]; Kocherstrasse 4, 71065 Sindelfingen (DE). **SCHNELL, Emil** [DE/DE]; Stockackerweg 89, 78464 Konstanz (DE).

(74) **MÜLLER, Gottfried et al.** / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ **B60K**

(11) **WO 03/086803** (13) A2

(21) PCT/US03/07698

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) en (26) en

(30) 10/122,288 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **TRANSFER CASE WITH MULTI-GEAR TRANSFER MECHANISM**

• **BOITE DE TRANSFERT COMPRENANT UN MECANISME DE TRANSFERT A ENGRENAGES MULTIPLES**

(63) US 10/122,288 (CON) 12 Apr/avr 2002 (12.04.2002)

(71) **NEW VENTURE GEAR, INC.** [US/US]; 1650 Research Drive, Suite 300, Troy, MI 48083 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMAS, Gareth** [GB/GB]; 53 Waterloo Drive, Banbury, Oxfordshire OX163QN (GB). **COWSILL, Paul** [GB/GB]; 59 Towbury Close, Reddish B987YZ (GB). **BOWEN, Thomas, C.** [US/US]; 905 Lafayette Court, Rochester Hills, MI 48307 (US). **PENNYCUFF, Dale, L.** [US/US]; 5360 Marshview Ct., #134, Shelby Township, MI 48316 (US). **KIRKWOOD, Malcolm, E.** [US/US]; 19838 Polyana, Livonia, MI 48152 (US). **ZALEWSKI, John, D.** [US/US]; 3925 Gristmill Circle, Liverpool, NY 13090 (US).

(74) **RETTIG, Philip, E. et al.** / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **B60K 6/04, F02N 11/08**

(11) **WO 03/086804** (13) A1

(21) PCT/DE03/01192

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) de (26) de

(30) 102 15 715.4 **10 Apr/avr 2002 DE (10.04.2002)**

(30) 102 38 866.0 **24 Aug/août 2002 DE (24.08.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD, DEVICE AND USE THEREOF FOR OPERATING A MOTOR VEHICLE**

• **PROCEDE, DISPOSITIF ET LEUR UTILISATION POUR FAIRE FONCTIONNER UN VEHICULE AUTOMOBILE**

(71) **LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG** [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGER, Reinhard** [DE/DE]; Sasenweg 6, 77815 Bühl (DE). **KÜPPER, Klaus** [DE/DE]; Karl-Fanz-Strasse 24a, 77815 Bühl (DE). **SCHNEIDER, Georg** [DE/DE]; Südenstrasse 40, 76137 Karlsruhe (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60K 15/04, 15/035

(11) WO 03/086805 (13) A1

(21) PCT/EP03/03777

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 202 06 097.7 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PETROL CAP

• BOUCHON DE RESERVOIR

(71) BLAU KUNSTSTOFFTECHNIK ZWEIGNIEDERLASSUNG DER TESMA EUROPA GMBH [DE/DE]; Industriestrasse 23, 41516 Grevenbroich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTINO, Stefano [IT/DE]; Rolsberger Strasse 60, 42719 Solingen (DE).

(74) PAUL, Dieter-Alfred et al. / etc.; Hellersbergstrasse 18, 41460 Neuss (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K 41/02

(11) WO 03/086806 (13) A1

(21) PCT/DE03/01188

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 19 737.1 2 May/mai 2002 DE (02.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROL DEVICE AND METHOD FOR CONTROLLING ENGINE TORQUE AND CLUTCH TORQUE IN A DRIVE TRAIN

• UNITE DE COMMANDE ET PROCEDE DE COMMANDE D'UN MOMENT

MOTEUR ET D'UN MOMENT D'EMBRAYAGE DANS UNE CHAÎNE CINEMATIQUE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIESSEN, Wolfgang [DE/DE]; Neckarstrasse 47, 76199 Karlsruhe (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60L 5/00, G05D 1/03, H02J 5/00, H01F 38/14

(11) WO 03/086807 (13) A1

(21) PCT/EP03/01713

(22) 20 Feb/fév 2003 (20.02.2003)

(25) de (26) de

(30) 102 16 422.3 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR SUPPLYING ENERGY AND FOR GUIDING A MOBILE OBJECT INDUCTIVELY

• DISPOSITIF PERMETTANT D'ALIMENTER UN OBJET MOBILE EN ENERGIE ET DE LE COMMANDER PAR INDUCTION

(71) WAMPFLER AKTIENGESELLSCHAFT [DE/DE]; Rheinstrasse 27 + 33, 79576 Weil am Rhein-Maerkt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREEN, Andrew, Dr. [NZ/DE]; Talstrasse 1, 79429 Malsburg-Marzell (DE).
BÖHLER, Frank [DE/DE]; Prattelnerstrasse 5, 79639 Grenzach-Wyhlen (DE).
WINTERHALTER, Roland [DE/DE]; Hohenzollernstrasse 36 B, 79206 Breisach (DE).

(74) RAPP, Bertram et al. / etc.; CHARRIER RAPP & LIEBAU, Patentanwälte, Postfach 31 02 60, 86063 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60L 5/20

(11) WO 03/086808 (13) A1

(21) PCT/FR03/01180

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04741 16 Apr/avr 2002 FR (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRICAL SLIDING CONTACT ELEMENT CONSISTING OF CARBON MATERIAL AND COMPRISING AT LEAST ONE STRIP AND ONE SHEATH

• ELEMENT DE CONTACT ELECTRIQUE FROTTANT EN MATERIAU CARBONE COMPORTANT AU MOINS UNE BANDE ET UNE GAINE

(71) CARBONE LORRAINE APPLICATIONS ELECTRIQUES [FR/FR]; 10, avenue Roger Dumoulin, F-80080 Amiens (FR).

(72) BRUNEAU, Jean-Louis; 1, rue Terray de Vindé, F-95150 Taverny (FR).
BRAUD, Pascal; 13, rue du 18 juin 1940, F-80800 Corbie (FR).
HEUSSE, Sébastien; Rue du Marais, F-80110 Thennes (FR).

(74) MARSOLAIS, Richard; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

(81) IN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ B60L 7/26

(11) WO 03/086809 (13) A1

(21) PCT/DE03/01139

(22) 7 Apr/avr 2003 (07.04.2003)

(25) de (26) de

(30) 102 17 385.0 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR ELECTRODYNAMICALLY BRAKING A RAIL VEHICLE

• PROCÉDÉ DE FREINAGE ÉLECTRODYNAMIQUE D'UN VÉHICULE SUR RAILS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAHRS, Helmut [DE/DE]; Eichenwaldstr. 24, 91361 Pinzberg (DE).
KLIMA, Heinrich [DE/DE]; Höllwiesenweg 10, 91056 Erlangen (DE).
SCHMELZ, Michael [DE/DE]; Heinrich-von-Kleist-Strasse 6, 65779 Kelkheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU CA CN JP NO US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT RO SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU CA CN JP NO EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT RO SE SK TR)
(u) for / pour US only / seulement

(51)⁷ B60L 11/18

(11) WO 03/086810 (13) A1

(21) PCT/CA03/00512

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,521 5 Apr/avr 2002 CA (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYBRID ENERGY SYSTEM FOR TRACTION VEHICLES

• SYSTEME D'ENERGIE HYBRIDE POUR VEHICULES A TRACTION

(71) POWERGENIX SYSTEMS, INC. [CA/CA]; 204 Lambert Street, Suite #204, Whitehorse, Yukon V1A 3T2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELDSTEIN, Robert, S. [US/US]; 57 - 47th Street, Maspeth, NY 11378 (US). RAIT, Joseph [US/US]; 2201 - 3rd Avenue, Suite 2604, Seattle, WA 98121 (US).

(74) MARKS & CLERK (TORONTO); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 3/10

(11) WO 03/086811 (13) A1

(21) PCT/SE03/00601

(22) 15 Apr/avr 2003 (15.04.2003)

(25) sv (26) en

(30) 0201166-6 18 Apr/avr 2002 SE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARRANGEMENT FOR HOLDING AN OBJECT IN A VEHICLE

• AGENCEMENT PERMETTANT DE PORTER UN OBJET DANS UN VEHICULE

(71) SCANIA CV AB (PUBL) [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDEROS, Jesper [SE/SE]; Tältvägen 27 A, S-152 70 Södertälje (SE).

(74) SJÖGREN, Stina; Scania CV AB, Patents, S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60P 3/04, 1/43

(11) WO 03/086812 (13) A1

(21) PCT/CH02/00208

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR LATERALLY FENCING IN A LOADING RAMP FOR ANIMALS
• DISPOSITIF POUR PALISSADER LATERALEMENT UNE RAMPE DE CHARGEMENT POUR ANIMAUX

(71) STIFTUNG FORSCHUNG FÜR DAS PFERD [CH/CH]; c/o Veterinär-Chirurgische Klinik der Universität Zürich, Winterthurerstrasse 260, CH-8057 Zürich (CH).
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(72, 75) VON RECHENBERG, Brigitte [CH/CH]; Mühlemattstrasse 15 B, CH-8903 Birmensdorf (CH). HOFMANN, Margaret [CH/CH]; Chemin Jean Pavillard 14, CH-1009 Pully (CH). MEYER, Marc [CH/CH]; Chemin du Mont-Tendre 19, CH-1007 Lausanne (CH).

(74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ B60Q

(11) WO 03/086813 (13) A2

(21) PCT/US03/08555

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/370,790 5 Apr/avr 2002 US (05.04.2002)

(30) 10/063,791 13 May/mai 2002 US (13.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LAMPLENS OR BEZEL WITH VISUAL EFFECT

• CACHE-FEU OU ENJOLIVEUR A EFFET VISUEL

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) SCHOTTLAND, Philippe; 5530 Calle Las Palmas, Evansville, IN 47712 (US). BRYCE, David, S.; 24178 Elizabeth Lane, Novi, MI 48374 (US). BOUCHARD, Thomas; 6107 Heron Ridge Drive, Rochester Hills, MI (US).

(74) WINTER, Catherine, J.; General Electric Company, 3135 Easton Turnpike(W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R

(11) WO 03/086814 (13) A2

(21) PCT/US03/10655

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,775 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GAS GENERATING COMPOSITION
• COMPOSITION GENERANT DU GAZ

(71) AUTOMOTIVE SYSTEMS LABORATORY, INC. [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).

(72) WILLIAMS, Graylon, K.; 30704 Lund Court, Warren, MI 48043 (US). BURNS, Sean, P.; 5640 Bella Villa Drive, Almont, MI 48003 (US). HALPIN, Jeffrey, W.; 39430 Clearview, Harrison Township, MI 48045 (US). KHANDHADIA, Paresh, S.; 6697 Redford Circle, Troy, MI 48085 (US).

(74) BEGIN, Laurence, C. et al. / etc.; Dinnin & Dunn, P.C., Suite 500, 2701 Cambridge Court, Auburn Hills, MI 48326 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B60R

(11) WO 03/086815 (13) A2

(21) PCT/US03/11287

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,261 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANIMAL RESTRAINT APPARATUS AND METHOD OF USE

• APPAREIL DE RETENUE POUR ANIMAUX ET PROCEDE D'UTILISATION ASSOCIE

(71) INDIANA MILLS AND MANUFACTURING, INC. [US/US]; 18881 U.S. 31 North, P.O. Box 408, Westfield, IN 46074 (US).

(72) SMITH, Gregory, D.; 1419 W. Main, Carmel, IN 46032 (US). DODSON, William, D.; 2426 Shorewood Drive, Lebanon, IN 46052 (US). NOWASKIE, Curt; 195 N 500 E, Lebanon, IN 46052 (US).

(74) MICHAEL, Jeffrey, A.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 1/072, 1/074

(11) WO 03/086816 (13) A1

(21) PCT/US03/10866

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/319,176 **9 Apr/avr 2002** US
(09.04.2002)

(30) 60/319,411 **19 Jul/juil 2002** US
(19.07.2002)

(30) 60/319,410 **19 Jul/juil 2002** US
(19.07.2002)

(30) 60/319,520 **4 Sep/sep 2002** US
(04.09.2002)

(30) 60/319,637 **21 Oct/oct 2002** US
(21.10.2002)

(30) 60/319,753 **4 Dec/déc 2002** US
(04.12.2002)

(30) 60/319,822 **30 Dec/déc 2002** US
(30.12.2002)

(30) 60/319,829 **31 Dec/déc 2002** US
(31.12.2002)

(30) 60/319,830 **31 Dec/déc 2002** US
(31.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICULAR MIRROR ACTUATOR WITH SINGLE MOTOR ACTUATION

• ACTIONNEUR DE MIROIR DE VEHICULE A ACTIONNEMENT PAR MO-
TEUR UNIQUE

(71) MAGNA DONNELLY MIRRORS NORTH AMERICA, L.L.C. [US/US]; 4720 - 44th Street, S.E., Kentwood, MI 49512 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOOTE, Keith, D. [US/US]; 1219 Ridgebrook CT, Kentwood, MI 49508 (US). BODDY, Ian [GB/US]; 3447 Lakecrest Court, Ada, MI 49301 (US). BROWN, Kris, D. [US/US]; 721 Lakeview Drive, Lake Odessa, MI 48849 (US). PETERSON, Kenneth, C. [US/US]; 5714 N. Division, Comstock Park, MI 49321 (US). RUSE, James, A. [US/US]; 2584 36th Street, Allegan, MI 49010 (US).

(74) WILLIAMS, Thomas, G.; McGarry Bair PC, 171 Monroe Avenue, N.W., Suite 600, Grand Rapids, MI 49503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 7/00

(11) WO 03/086817 (13) A1

(21) PCT/US03/10586

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/117,355 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A CONTAINER AND CONTAINMENT STABILIZATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE STABILISATION DE CONTENANT ET DE CONFINEMENT

(71, 72) CHEN, Timothy, T. [US/US]; 149 Morton Avenue, Apt. 3, Athens, GA 30605-1469 (US).

(74) HEIDELBERGER, Louis, M.; Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60R 11/00

(11) WO 03/086818 (13) A1

(21) PCT/SE03/00572

(22) 9 Apr/avr 2003 (09.04.2003)

(25) sv (26) en

(30) 0201104-7 **12 Apr/avr 2002** SE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUPPORT PLATE FOR FITTING ON A VEHICLE PART

• PLAQUE SUPPORT SE FIXANT SUR UNE PIECE D'UN VEHICULE

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARLSSON, Olov [SE/SE]; Krusbärsvägen 15, S-152 52 Södertälje (SE).

(74) SJÖGREN, Stina; Scania CV AB, Patents, S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 11/02, 11/00

(11) WO 03/086819 (13) A1

(21) PCT/DE03/00090

(22) 15 Jan/jan 2003 (15.01.2003)

(25) de (26) de

(30) 102 16 100.3 **12 Apr/avr 2002** DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTOR VEHICLE COMMUNICATIONS SYSTEM, ASSEMBLY WITH A PROCESSOR, COMPUTER PROGRAM PRODUCT AND COMPUTER-READABLE STORAGE MEDIUM

• SYSTEME DE COMMUNICATION AUTOMOBILE, ENSEMBLE POURVU D'UN PROCESSEUR, PRODUIT-PROGRAMME INFORMATIQUE ET SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) MUELLER, Ruediger; Augenweide 2, 31162 Bad Salzdetfurth (DE).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ B60R 16/02, 16/04, G01C 21/00

(11) WO 03/086820 (13) A1

(21) PCT/JP03/04713

(22) 14 Apr/avr 2003 (14.04.2003)

- (25) ja (26) ja
- (30) 2002-111097 **12 Apr/avr 2002** JP
(12.04.2002)
- (30) 2002-188577 **27 Jun/juin 2002** JP
(27.06.2002)
- (30) 2002-188624 **27 Jun/juin 2002** JP
(27.06.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • POWER SUPPLY MANAGEMENT SYSTEM FOR VEHICLE MOUNTED APPARATUS
• SYSTEME DE GESTION D'ALIMENTATION POUR DISPOSITIF INSTALLE SUR UN VEHICULE
- (71) AISIN AW CO., LTD. [JP/JP]; 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMADA, Kunihiro [JP/JP]; c/o Aisin AW Co., Ltd., 6-18, Harayama, Oka-cho, Okazaki-shi, Aichi 444-8564 (JP). OGAWA, Satoshi [JP/JP]; c/o Aisin AW Co., Ltd., 6-18, Harayama, Oka-cho, Okazaki-shi, Aichi 444-8564 (JP). SUZUKI, Nobuo [JP/JP]; c/o Aisin AW Co., Ltd., 6-18, Harayama, Oka-cho, Okazaki-shi, Aichi 444-8564 (JP). NAKAJIMA, Akihiro [JP/JP]; c/o Aisin AW Co., Ltd., 6-18, Harayama, Oka-cho, Okazaki-shi, Aichi 444-8564 (JP).
- (74) AOKI, Toshiaki; Ohzono Bldg., 7-10, Kandamitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60R 21/04, B60N 3/06, B62D 25/20
- (11) WO 03/086821 (13) A1
- (21) PCT/JP03/04037
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (30) 2002-97231 **29 Mar/mar 2002** JP
(29.03.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SHOCK ABSORBING PAD FOR VEHICLE
• COUSSIN AMORTISSEUR DE CHOCS POUR VEHICULE
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). SEKISUI KASEIHIN KOGYO KABUSHIKI KAISHA [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP). CHUGAI CO., LTD. [JP/JP]; Chugai Bldg., 21-11, Chiyoda 5-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MURAKAMI, Takeshi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). FUKUYAMA, Taku [JP/JP]; 1111-15, Minamitawara-cho, Ikoma-shi, Nara 630-0135 (JP). OKADA, Takaharu [JP/JP]; c/o CHUGAI CO., LTD., Chugai Bldg., 21-11, Chiyoda 5-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R 21/16, 21/22
- (11) WO 03/086822 (13) A1
- (21) PCT/SE03/00296
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) en (26) en
- (30) 0207924.2 **5 Apr/avr 2002** GB
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A MOTOR VEHICLE SAFETY DEVICE
• DISPOSITIF DE SECURITE POUR VEHICULE A MOTEUR
- (71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vårgårda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROBERTS, Tony [GB/GB]; 42, Matlock Road, Brighton, East Sussex BN1 5BF (GB). FRICKE, Conrad [GB/GB]; 116, Orchard Street, Chichester, West Sussex PO19 1DE (GB). STUBBS, Stephen [GB/GB]; 18, Chatsworth Avenue, Cosham, Portsmouth Hants PO6 2UQ (GB).
- (74) MEULLER, Erik; Autoliv Development AB, S-447 83 Vårgårda (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R 21/16
- (11) WO 03/086823 (13) A1
- (21) PCT/US02/34042

- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/370,430 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HORN MECHANISM FEATURING IMMUNITY TO CUSHION FOLD
• COUSSIN D'AIR AVEC MECANISME D'AVERTISSEUR SONORE SANS RISQUE
- (71) BREED AUTOMOTIVE TECHNOLOGY, INC. [US/US]; 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US).
- (72) FORD, Brian; 143 Lodewych, Mt. Clemens, MI 48043 (US).
- (74) DRAYER, Lonnie, R.; Breed Automotive Technology, Inc., 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US) et al. / etc.
- (81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (t) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
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- (51)⁷ B60R 21/20
- (11) WO 03/086824 (13) A1
- (21) PCT/EP03/03420
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) de (26) de
- (30) 102 16 349.9 **13 Apr/avr 2002** DE
(13.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HOUSING EQUIPPED WITH REINFORCEMENTS FOR AN AIRBAG ASSEMBLY
• BOITIER DOTE D'ELEMENTS DE RENFORCEMENTS POUR UN ENSEMBLE AIRBAG
- (71) AUTOLIV DEVELOPMENT AB [SE/SE]; Vallentinsvägen 22, S-447 83 Vargårda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REITER, Thomas [DE/DE]; Anton Bruckner Weg 8, 85221 Dachau (DE). SOMMER, Karl-Heinz [DE/DE]; Rochusstrasse 1, 82131 Stockdorf (DE). KLEEBERGER, Peter [DE/DE]; Claude-Lorrain-Strasse 37, 81543 München (DE). SEEFRIED, Edgar [DE/DE]; Heindlstrasse 11d, 81373 München (DE). BRUCH, Marcel [DE/DE]; Unterer Graben, 85049 Ingolstadt (DE).
- (74) MÜLLER, Karl-Ernst et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60R 21/34

(11) WO 03/086825 (13) A1

(21) PCT/SE03/00537

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0208799.7 17 Apr/avr 2002 GB
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SAFETY DEVICE FOR LIFTING A
PART OF THE HOOD OR BONNET OF
A MOTOR VEHICLE

- DISPOSITIF DE SECURITE DESTINE
AU LEVAGE D'UNE PARTIE DU CA-
POT D'UN VEHICULE A MOTEUR

(71) AUTOLIV DEVELOPMENT AB [SE/SE];
S-447 83 Vårgårda (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KNIGHT-NEWBURY, Heath
[GB/GB]; Flat 2, 20 St. Michael's Place,
Brighton BN1 3FT (GB). MACARI, John
[GB/GB]; 63 Elms Drive, Lancing, West
Sussex BN15 9LR (GB).

(74) LARSSON, Håkan; Autoliv Development
AB, S-447 83 Vårgårda (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60R 21/34

(11) WO 03/086826 (13) A1

(21) PCT/SE03/00538

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0208798.9 17 Apr/avr 2002 GB
(17.04.2002)

(30) 0228180.6 3 Dec/déc 2002 GB
(03.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SAFETY DEVICE TO LIFT THE
REAR PART OF THE BONNET OR
HOOD OF A MOTOR VEHICLE

- DISPOSITIF DE SECURITE PERMET-
TANT DE LEVER LA PARTIE ARRIERE
DU CAPOT D'UN VEHICULE A MO-
TEUR

(71) AUTOLIV DEVELOPMENT AB [SE/SE];
S-447 83 Vårgårda (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KNIGHT-NEWBURY, Heath
[GB/GB]; Flat 2, 20, St. Michael's Place,
Brighton BN1 3FT (GB). HAGLUND,
Lennart [SE/SE]; Korsnåbsgatan 5, S-447
32 Vårgårda (SE). SVANTESSON, An-
ders [SE/SE]; Tollereshöjden 53, S-448 50
Tolleröd (SE). LINDBLAD, Karl-Gunnar
[SE/SE]; Fågelvägen 26, S-447 31 Vårgårda
(SE).

(74) LARSSON, Håkan; Autoliv Development
AB, S-447 83 Vårgårda (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60R 22/18, 22/48

(11) WO 03/086827 (13) A1

(21) PCT/EP03/03965

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 227.7 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FASTENING SYSTEM FOR A SEAT-
BELT LOCK, WHICH IS EQUIPPED
FOR MEASURING THE BELT
STRENGTH

- DISPOSITIF D'ANCRAGE DE SER-
RURE DE CEINTURE DE SECURITE
PERMETTANT LA MESURE DE LA
TENSION DE LA CEINTURE

(71) AUTOLIV DEVELOPMENT AB [SE/SE];
22, Wallentinsvägen, S-447 83 Vargårda (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOCK, Hans-Otto [DE/DE]; 7 Erlén-
weg, 25368 Kiebitzreihe (DE). JACOBS,
Frank [DE/DE]; 12a, Eichenhöhe, 21073
Hamburg (DE). KNÖRLE, Bernd [DE/DE];
13, Am Salzweg, 87679 Westendorf (DE).

(74) MÜLLER, Karl-Ernst et al. / etc.; 22,
Turmstrasse, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B60R 25/02, 25/00

(11) WO 03/086828 (13) A1

(21) PCT/IL03/00287

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 149024 8 Apr/avr 2002 IL
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • VEHICLE ANTI-THEFT DEVICE

- SYSTEME ANTIVOL DESTINE A UN
VEHICULE

(71, 72) GREENFELD, Natan [IL/IL]; 19
Ha-Zait Street, 37808 Moshav Givat Ada
(IL).

(74) REINHOLD COHN AND PARTNERS; P.
O. BOX 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B60T 7/22, B60R 19/32

(11) WO 03/086829 (13) A1

(21) PCT/KR02/00665

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ko (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ASK TRANSMITTER USING A
MULTI-LAYER NON-RADIATIVE DI-
ELECTRIC WAVEGUIDE

- EMETTEUR ASK FAISANT APPEL A
UN GUIDE D'ONDES DIELECTRIQUE
NON RADIATIF MULTICOUCHE

(71) NRDTECH CO., LTD. [KR/KR]; 7F,
Daeyang B/D, 7-17 Namcheon-2dong,
Suyeong-gu, Pusan-metropolitan city
613-813 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) SHIN, Cheon, Woo [KR/KR];
2-205, Samik-apartment, 148(5/2), Nam-
chun-2-dong, Sooyoung-ku, 613-760 Pu-
san-metropolitan city (KR).

(74) KIM, Sun-young; Korea Coal Center, 10th
Floor, 80-6, Susong-Dong, Chongro-Ku,
110-727 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60T 8/00, 8/36

(11) WO 03/086830 (13) A1

(21) PCT/EP03/01408

(22) 13 Feb/fév 2003 (13.02.2003)

(25) de (26) de

(30) 102 17 436.9 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PROVIDING OPERATING DATA OF FUNCTIONAL COMPONENTS OF A MOTOR VEHICLE BRAKING CONTROL UNIT
• PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR DES DONNEES DE FONCTIONNEMENT DE COMPOSANTS FONCTIONNELS D'UN APPAREIL DE COMMANDE DE FREINAGE DE VEHICULE AUTOMOBILE

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DINKEL, Dieter [DE/DE]; Bahnhofstrasse 21, 65824 Schwalbach (DE). BRIESEWITZ, Rüdiger [DE/DE]; Hab-sburgerallee 85, 60385 Frankfurt am Main (DE). EHMER, Norbert [DE/DE]; Rhönweg 10, 65760 Eschborn (DE). ESSELBRÜGGE, Hermann [DE/DE]; Raiffeisenstr. 21, 64331 Weiterstadt (DE). KELLER, Lothar [DE/DE]; Alemannenweg 18, 61381 Friedrichsdorf (DE). LOOS, Mirco [DE/DE]; Weilerbachstrasse 2, 66583 Elversberg (DE). MARSCHKE, Karl [DE/DE]; Woogstrasse 19a, 63110 Rodgau (DE). MERZOUG, Patrick [DE/DE]; Danastrasse 9, 65795 Hattersheim (DE). SCHIFFNER, Klaus [DE/DE]; Friedrich-Ebert-Strasse 16, 64546 Mörfelden-Walldorf (DE). SCHMITT, Stefan A. [DE/DE]; Untere Sattelhecke 27, 63867 Johannesburg (DE). SCHMIDT, Robert [DE/DE]; Bahnhofstr. 14, 56477 Rennerod (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt/Main (DE).

(81) DE JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ B60T 8/32, B60K 23/08, 41/24

(11) WO 03/086831 (13) A1

(21) PCT/AT03/00107

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de

(30) GM 230/2002 12 Apr/avr 2002 AT (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTOR VEHICLE EQUIPPED WITH A BRAKE SYSTEM AND WITH A DRIVE SYSTEM

• VEHICULE AUTOMOBILE PRESENTANT UN SYSTEME DE FREINAGE ET UN SYSTEME D'ENTRAÎNEMENT

(71) MAGNA STEYR POWERTRAIN AG & CO KG [AT/AT]; Liebenauer Hauptstrasse 317, A-8041 Graz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRATZER, Franz [AT/AT]; Hausdorf 16, A-8152 Stallhofen (AT).

(74) KOVAC, Werner; Magna Steyr AG & Co KG, Magna Strasse 1, A-2522 Oberwaltersdorf (AT).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ B61B 13/00, 13/06, B23P 19/00, 21/00, B60L 11/18

(11) WO 03/086832 (13) A1

(21) PCT/JP03/04848

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113660 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-150750 24 May/mai 2002 JP (24.05.2002)

(30) 2002-165726 6 Jun/juin 2002 JP (06.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WORK CONVEYING SYSTEM, WORK CONVEYING PALLET USED FOR THE SYSTEM, AND RAIL CONNECTION METHOD IN WORK CONVEYING SYSTEM

• SYSTEME DE TRANSPORT D'OUVRAGE, PALETTE DE TRANSPORT D'OUVRAGE UTILISEE AVEC LE DIT SYSTEME, ET PROCEDE DE CONNEXION SUR RAILES DANS UN SYSTEME SUSMENTIONNE

(71) KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO [JP/JP]; 5329, Shimosuwa-machi, Suwa-gun, Nagano 393-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUNETA, Haruhiro [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP). ODA-GIRI, Hideyuki [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP). WATANABE, Hirokazu [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP).

(26) de

(JP). SHIMURA, Yoshiki [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP). SATO, Shiro [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP). YASUKAWA, Kazuyoshi [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO Ina Works, 6100, Uenohara, Ina-shi, Nagano 396-8511 (JP).

(74) MURASE, Kazumi; Nishishimbashi Tachikawa Bldg. Bekkan, 12-7, Nishishimbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B61L 27/00, 23/34, G01S 5/00

(11) WO 03/086833 (13) A1

(21) PCT/IN02/00098

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE TO PREVENT COLLISION BETWEEN THE TRAINS AND THE LIKE TRANSPORTATION SYSTEM

• DISPOSITIF POUR EMPECHER UNE COLLISION ENTRE DES TRAINS OU DES SYSTEMES DE TRANSPORT SIMILAIRES

(71, 72) BOJJI, Rajaram [IN/IN]; Konkan Railway Corporation Ltd., Belapur Bhavan, Plot No., Sector-11, CBD Belapur, Navi Mumbai 400 614, Maharashtra (IN).

(74) RAMU, Vedaraman; Ramu & Associates, 253 Shantivan Co-Op. Hsg. Soc. Ltd., New Link Road Extn., Andheri (W), Mumbai 400 053, Maharashtra (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62B 7/08

(11) WO 03/086834 (13) A1

(21) PCT/FR03/01229

(22) 16 Apr/avr 2003 (16.04.2003)

- (25) fr (26) fr
- (30) 02/04962 **16 Apr/avr 2002** FR
(16.04.2002)
- (30) 02/14832 **26 Nov/nov 2002** FR
(26.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHILDREN'S VEHICLE WITH A FRAME WITH SLIDING ELEMENTS WITHOUT A SPACE THEREBETWEEN AND CORRESPONDING CHASSIS
- VOITURE D'ENFANT A CHASSIS A ELEMENTS COULISSANTS SANS ESPACE ENTRE EUX, ET CHASSIS CORRESPONDANT.
- (71) AMPA FRANCE [FR/FR]; 9, boulevard du Poitou, F-49309 CHOLET (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZWEIDECK, Bruno [FR/FR]; 113 rue de l'Etoile, F-49300 CHOLET (FR).
- (74) VIDON, Patrice; Le Nobel (Bât. A), 2, allée Antoine Becquerel, BP 90333, F-35703 RENNES CEDEX 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B62D 1/16
- (11) WO 03/086835 (13) A1
- (21) PCT/JP03/01782
- (22) 19 Feb/fév 2003 (19.02.2003)
- (25) ja (26) ja
- (30) 2002-114121 **17 Apr/avr 2002** JP
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF ASSEMBLING STEERING COLUMNS
- PROCEDE DE MONTAGE DE COLONNES DE DIRECTION
- (71) NSK LTD. [JP/JP]; Nissei Bldg., 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIGASHINO, Kiyooki [JP/JP]; c/o NSK Ltd., 8-1, Sojamachi 1-chome, Maebashi-shi, Gunma 371-0853 (JP). KOIKE, Tetsuya [JP/JP]; c/o NSK Ltd., 8-1, Sojamachi 1-chome, Maebashi-shi, Gunma 371-0853 (JP).
- (74) OKAWA, Akira et al. / etc.; Shinkyobashi Daiichi Nagaoka, Bldg., 9-8, Hatchobori 3-chome, Chuo-ku, Tokyo 104-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ B62D 5/04
- (11) WO 03/086836 (13) A2
- (21) PCT/DE03/00970
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) de (26) de
- (30) 102 17 123.8 **17 Apr/avr 2002** DE
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STEERING GEAR WHICH IS FREE FROM BACKLASH
- ENGRENAGE DE DIRECTION SANS JEU
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). ZF LENKSYSTEME GMBH [DE/DE]; 73522 Schwaebisch-Gmuend (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOCK, Michael [DE/DE]; Jella-Lepmann-Str. 13, 81673 Muenchen (DE). NAGEL, Willi [DE/DE]; Bittenfelder Str. 31, 71686 Remseck/Hochdorf (DE). BRENNER, Peter [DE/DE]; Eichenstrasse 6, 73563 Moegglingen (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ B62D 5/04, G01B 7/30
- (11) WO 03/086837 (13) A1
- (21) PCT/JP03/04002
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (30) 2002-111609 **15 Apr/avr 2002** JP
(15.04.2002)
- (30) 2002-236846 **15 Aug/août 2002** JP
(15.08.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRIC POWER STEERING DEVICE
- DISPOSITIF DE DIRECTION ELECTRIQUE
- (71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 141-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONIZUKA, Toshiyuki [JP/JP]; c/o NSK LTD., 78, Toriba-Machi, Maebashi-Shi, Gunma 371-8527 (JP). CHIKARAISHI, Kazuo [JP/JP]; c/o NSK LTD., 8-1, Soja-Machi 1-Chome, Maebashi-Shi, Gunma 371-8528 (JP). ENDO, Shuji [JP/JP]; c/o

- NSK LTD., 78, Toriba-Machi, Maebashi-Shi, Gunma 371-8527 (JP).
- (74) AGATA, Yuzo; 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 5/04
- (11) WO 03/086838 (13) A1
- (21) PCT/US03/11126
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 10/121,233 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRIC POWER STEERING ASSEMBLY
- ENSEMBLE DE DIRECTION ASSISTEE ELECTRIQUE
- (71) TRW AUTOMOTIVE U.S. LLC [US/US]; 34201 Van Dyke Avenue, Sterling Heights, MI 48311 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOGOSH, Mark [US/US]; 14600 Alpena, Sterling Heights, MI 48313 (US).
- (74) PAVELKO, Douglas, V.; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, 4th Floor, Toledo, OH 43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 6/00, 101/00, 113/00, 117/00, 119/00, 137/00, 153/00
- (11) WO 03/086839 (13) A1
- (21) PCT/GB03/01562
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 0208090.1 **9 Apr/avr 2002** GB
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRICAL POWER ASSISTED STEERING SYSTEM

• SYSTEME DE DIRECTION ASSISTEE
PAR L'ENERGIE ELECTRIQUE

(71) TRW LUCAS VARITY ELECTRIC STEERING LTD. [GB/GB]; Stratford Road, Solihull, West Midlands B90 4LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURTON, Tony [GB/GB]; The Coppice, Bickenhill Road, Martston Green, Solihull, West Midlands B37 7ER (GB). FERNANDEZ, Angel, Andres, L. [GB/GB]; 94 Tynedale Crescent, Great Barr, Birmingham B43 7NR (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B62D 29/00

(11) WO 03/086840 (13) A1

(21) PCT/GB03/01555

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0207922.6 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF MANUFACTURE OF AN AUTOMOBILE STRUCTURE AND AN AUTOMOBILE STRUCTURE MADE BY THE METHOD

• PROCEDE DE FABRICATION D'UNE STRUCTURE DE VEHICULE AUTOMOBILE ET STRUCTURE DE VEHICULE AUTOMOBILE OBTENUE PAR CE PROCEDE

(71) LOTUS CARS LIMITED [GB/GB]; Het-hel, Norwich, Norfolk NR14 8EZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BINGHAM, John, Kenneth [GB/GB]; 5 Turner Close, Wymondham, Norfolk NR18 0NP (GB). MCQUIRE, Robert [GB/GB]; East View, Pit Road, Burgh st. Peter, Norfolk NR34 0BG (GB). SAMPSON, Nicholas, John [GB/GB]; Claymore House, 43 Chapel Road, Attleborough, Norfolk NR17 2DS (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B62D 55/08

(11) WO 03/086841 (13) A1

(21) PCT/JP03/04971

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116587 18 Apr/avr 2002 JP (18.04.2002)

(30) 2003-108052 11 Apr/avr 2003 JP (11.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RUNNING DEVICE OF RUBBER CRAWLER

• DISPOSITIF DE ROULEMENT DE CHENILLES EN CAOUTCHOUC

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8430 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGIHARA, Shingo [JP/JP]; c/o BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8430 (JP). AKIYAMA, Hitoshi [JP/JP]; c/o BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8430 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO, NAKAJIMA & KATO, HK-Shinjuku Bldg., 7th Floor, 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62D 61/12, 49/06, A01B 29/04, 33/02, F41H 11/16

(11) WO 03/086842 (13) A1

(21) PCT/DE03/01293

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 424.5 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BALER AND METHOD FOR IMPROVING POWER UTILISATION AND/OR POWER IMPROVEMENT OF A TRACTOR UNIT

• GARNITURE ET PROCEDE POUR AMELIORER L'EXPLOITATION DE PUISSANCE ET/OU POUR AMELIORER LA PUISSANCE D'UN VEHICULE TRACTEUR

(71, 72) FETTWEIS, Herbert [DE/DE]; Heiderpatt 7, 40489 Düsseldorf (DE).

(74) SCHUSTER, Gregor et al. / etc.; Wiederholdstrasse 10, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B62D 65/00, B60G 11/23, 11/24, 7/02, F16F 1/38, 1/50

(11) WO 03/086843 (13) A1

(21) PCT/FR03/01121

(22) 9 Apr/avr 2003 (09.04.2003)

(25) fr (26) fr

(30) 02/04870 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICLE SUSPENSION DEVICE COMPRISING AN ELASTIC JOINT WITH CLAMPING ELEMENTS

• DISPOSITIF DE SUSPENSION DE VEHICULE COMPRENANT UNE ARTICULATION ELASTIQUE AVEC ELEMENTS DE BRIDAGE

(71) VALLOUREC COMPOSANTS AUTOMOBILES VITRY [FR/FR]; Z.I. de Vitry-Marolles, Lieudit "Le Cerisier", F-51300 Vitry-le-François (FR).

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(72, 75) MINGUET, Denis [FR/FR]; 26 Boulevard François 1er, F-51300 Vitry-le-François (FR). DELETOMBE, Philippe [FR/FR]; 2-4, rue de Choiseul, F-51000 Châlon-en-Champagne (FR).

(74) PLACAIS, Jean-Yves; Cabinet Netter, 36 Avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B62D 65/00, B60G 11/23, 11/24, 7/02, F16F 1/38, 1/50

(11) WO 03/086844 (13) A1

(21) PCT/FR03/01122

(22) 9 Apr/avr 2003 (09.04.2003)

(25) fr (26) fr

(30) 02/04872 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICLE SUSPENSION DEVICE COMPRISING AN ELASTIC JOINT WITH ADJUSTMENT MEANS

• DISPOSITIF DE SUSPENSION DE VEHICULE COMPRENANT UNE ARTICULATION ELASTIQUE AVEC MOYENS DE REGLAGE

(71) VALLOUREC COMPOSANTS AUTOMOBILES VITRY [FR/FR]; Z.I. Vitry-Marolles, Lieudit "Le Cerisier", F-51300 Vitry-le-François (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MINGUET, Denis [FR/FR]; 26, Boulevard François 1er, F-51300 Vitry-le-François (FR). DELECTOMBE, Philippe [FR/FR]; 2-4 rue de Choiseul, F-51000 Châlons-en-Champagne (FR).

(74) PLACAIS, Jean-Yves; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B62H 5/00, B60R 25/00

(11) WO 03/086845 (13) A1

(21) PCT/CN03/00249

(22) 8 Apr/avr 2003 (08.04.2003)

(25) zh (26) zh

(30) 02232222.1 12 Apr/avr 2002 CN (12.04.2002)

(30) 02252734.6 3 Sep/sep 2002 CN (03.09.2002)

(30) 03202621.8 5 Feb/fév 2003 CN (05.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICLE THEFT-PREVENTING DEVICE

• DISPOSITIF ANTI-VOL POUR VEHICULE

(71, 72) QIN, Caidong [CN/CN]; Room 501, Block 75, Dabeizhuang, Maanshan, Anhui 243011 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62J 1/20, 1/12

(11) WO 03/086846 (13) A1

(21) PCT/GB03/01557

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208457.2 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTORCYCLE SEAT COVER

• HOUSSE DE SIEGE DE MOTOCYCLETTE

(71, 72) TILLYER, Patricia, Pauline [GB/GB]; 3 The Vintry, Clockhouse Lane, Nutley, East Sussex TN22 3LW (GB). BERNARD, Gary, Edward [GB/GB]; 3 The Vintry, Clockhouse Lane, Nutley, East Sussex TN22 3LW (GB).

(74) VLECK, Jan, Montagu; Reddie & Grose, 16 Theobald's Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62K

(11) WO 03/086847 (13) A2

(21) PCT/US03/11200

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/120,474 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TELESOPING SUSPENSION FORK HAVING A QUICK RELEASE WHEEL AXLE CLAMP

• FOURCHE A SUSPENSION TELESOPIQUE COMPORTANT UNE PINCE DE SERRAGE D'AXE DE ROUE A LIBERATION RAPIDE

(71) MAVERICK AMERICAN LLC [US/US]; 1711 15th Street, Boulder, CO 80302 (US).

(72) TURNER, Paul, H.; 308 Arapaho Avenue, Boulder, CO 80302 (US). VOGEL, Frank, E.; 1898 Alpine, Unit 19F, Boulder, CO 80302 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62K 15/00, 25/16

(11) WO 03/086848 (13) A1

(21) PCT/IB03/01243

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 200200101 15 Apr/avr 2002 SI (15.04.2002)

(30) 200200308 18 Dec/déc 2002 SI (18.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOLDING BICYCLE

• BICYCLETTE PLIABLE

(71) STUDIO MODERNA SA [CH/CH]; Viale S. Francini 40, CH-6000 Lugano (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIHELIC, Miko [SI/SI]; Hrusevo 26A, 1356 Dobrova (SI).

(74) VIERING, JENTSCHURA & PARTNER; P.O. Box 22 14 43, 80504 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62M 25/04, B62K 23/04

(11) WO 03/086849 (13) A1

(21) PCT/US03/10979

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/319,179 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BICYCLE GEAR INDICATOR MECHANISM

• MECANISME INDICATEUR DE DERAILLEUR DE BICYCLETTE

(71) SRAM CORPORATION [US/US]; Attn: Legal Dept., SRAM Corporation, 1333 N. Kingsbury St., 4th Floor, Chicago, IL 60622 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLORCZYK, Raymond [FR/DE]; Ferdinand Pfeuffer Strasse 3, 97525 Schwebheim (DE). AUER, Marcus [DE/DE]; Lucretiastrasse 2, 97525 Schwebheim (DE). BUETTNER, Christian [DE/DE]; Duererstrasse 5, 97072 Wuerzburg (DE). CHEN, Hung-I [—/—]; No. 526, Hou Zhuang RD., Bei-Tun District, 406 Taichung City (TW).

(74) WUNDERLICH, Lisa et al. / etc.; SRAM Corporation, 1333 N. Kingsbury St., 4th Floor, Chicago, IL 60622 (US).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

(51)⁷ B63B

(11) WO 03/086850 (13) A2

(21) PCT/US03/11091

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,513 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTONOMOUS SURFACE WATERCRAFT

• EMBARCATION DE SURFACE AUTONOME

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(72) CARDOZA, Miguel, A.; 905 West Belview, Round Rock, TX 78681 (US). BENEDICT, Sarah; 11614 Ruffed Grouse, Austin, TX 78758 (US). MAYORAL, Anne; 8915 Pocono Cove, Austin, TX 78717 (US). BENNETT, Matthew; 9208 Clearrock Drive, Austin, TX 78750 (US). HUGHES, J., Clark; 2408 Water Well Lane, Austin, TX 78728 (US). TUCKER, Donald; 8211 Spring Valley Drive, Austin, TX 78736 (US).

(74) MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.; MEYERTONS, Eric B., P.O. Box 398, Austin, TX 78728-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B63B 3/38, 35/79

(11) WO 03/086851 (13) A1

(21) PCT/AU03/00078

(22) 29 Jan/jan 2003 (29.01.2003)

(25) en (26) en

(30) PS 1677 11 Apr/avr 2002 AU (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A STABILISER DEVICE

• DISPOSITIF DE STABILISATION

(71, 72) SMITH, Don, Andrew [AU/AU]; 22 Tripeony Court, Golden Beach, Caloundra, Queensland 4551 (AU).

(74) PIPERS; P O Box 160, Toowong Qld 4066, Suite 1 Coronation Place, 10 Benson Street, Toowong, Queensland 4066 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B63B 35/00, 9/06, B66C 23/52, E02B 17/00

(11) WO 03/086852 (13) A1

(21) PCT/NL03/00274

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,558 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,372 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,326 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBMERSIBLE WATERCRAFT

• NAVIRE SUBMERSIBLE

(71) ITREC B.V. [NL/NL]; Admiraal Trompstraat 2, NL-3115 HH Schiedam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) Roodenburg, Joop [NL/NL]; Sint Eustatiusstraat 7, NL-2612 HA Delft (NL).

(74) BROOKHUIS, H.J.A.; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B63G 8/00, B63C 11/42

(11) WO 03/086853 (13) A1

(21) PCT/RU02/00179

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ru (26) ru

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBMERSIBLE FREE-FLOODING VEHICLE (VARIANTS)

• APPAREIL SUBMERSIBLE DE TYPE PERMEABLE "AQUANTA"

(71) OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "DIZAIN ZENTR "AKVATIKA" [RU/RU]; ul. Novoposelkovskaya, 6-7, Moscow, 123459 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MAKHROV, Vladislav Petrovich [RU/RU]; Volokolamskoe shosse, 8-26, Moscow, 125080 (RU).

(72, 75) MAKHROV, Igor Vladislavich [RU/RU]; ul. Marshala Birzuyova, 28-68, Moscow, 123060 (RU). JURIEV, Aleksandr Ivanovich [RU/RU]; ul. Dubosekovskaya, 9-217, Moscow, 125080 (RU).

(74) SHTYLKOV, Vitaly Viktorovich; a/ya 55, Moscow, 127562 (RU).

(81) AU BR CA CN DE ES FI GB JP KR NZ PL RU SE UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B63H

(11) WO 03/086854 (13) A2

(21) PCT/US03/11129

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/319,180 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MARINE PNEUMATIC SYSTEM
• SYSTEME PNEUMATIQUE MARIN(71, 72) WILCOX, Jeffrey, S. [US/US]; 2334
Argentina, S.E., Grand Rapids, MI 49506
(US).(74) BAIR, Joel, E.; McGarry Bair PC, 171 Mon-
roe Avenue, N.W., Suite 600, Grand Rapids,
MI 49503 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B63H 1/08

(11) WO 03/086855 (13) A1

(21) PCT/CH03/00186

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 644/02 17 Apr/avr 2002 CH
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOVEMENT CONVERSION DEVICE
• DISPOSITIF POUR TRANSFORMER
UN MOUVEMENT(71, 72) DETTWILER, Hermann [CH/CH];
Bärenwil, CH-4438 Langenbruck (CH).(74) A. BRAUN BRAUN HERITIER ES-
CHMANN AG; Holbeinstrasse 36-38,
CH-4051 Basel (CH).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B64C

(11) WO 03/086856 (13) A2

(21) PCT/US03/10425

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/118,839 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AIRLIFTING SURFACE DIVISION
• DIVISION DE SURFACES PORTANTES(71, 72) DIZDAREVIC, Faruk [US/US]; 3300
W. Lincoln Ave #129, Anaheim, CA 92801
(US). DIZDAREVIC, Mithad [US/US];
3300 W. Lincoln Ave #129, Anaheim, CA
92801 (US).

(81) DE GB.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : DE GB EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)(t) for the following designations / pour les
designations suivantes : DE GB EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)(51)⁷ B64C 11/46, 27/08

(11) WO 03/086857 (13) A1

(21) PCT/RU03/00156

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ru (26) ru

(30) 2002109755 16 Apr/avr 2002 RU
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AERODYNAMIC LIFTING-THRUST-
ING PROPULSION DEVICE
• PROPULSEUR AERODYNAMIQUE A
POUSSEE VERTICALE(71) OBSHESTVO S OGRANICHENNOI
OTVETSTVENNOSTYU "MIDERA-K"
[RU/RU]; ul. Bolshaya Gruzinskaya, 60-1,
Moscow, 123053 (RU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AKARO, Andrey Igorevich [RU/RU];
1-ya Pryadilnaya ul., 7-43, Moscow, 105037
(RU). DENISOV, Anatoly Alekseevich
[RU/RU]; ul. Rubinshteina, 36-49, St.Pe-
tersburg, 191002 (RU). ZELINSKY, Ana-
toly Mikhailovich [RU/RU]; Primorsky
prospekt, 155-35, St.Petersburg, 197374
(RU). MEDVEDEV, Mikhail Mikhailovich
[RU/RU]; ul. Naberezhnaya Tsiolgovskogo,
18-134, Zhukovsky, Moskovskaya obl.,
140186 (RU).(74) YEFIMOV, Igor Dmitrievich; Proezd
Cherepanovkh, 36-8, Moscow, 125008
(RU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B64C 11/46, 27/08

(11) WO 03/086858 (13) A1

(21) PCT/RU03/00157

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ru (26) ru

(30) 2002109756 16 Apr/avr 2002 RU
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING A LIFT
AND A HORIZONTAL THRUST
• PROCEDE POUR CREER UNE POR-
TANCE ET UNE POUSSEE VERTI-
CALE(71) OBSHESTVO S OGRANICHENNOI
OTVETSTVENNOSTYU "MIDERA-K"
[RU/RU]; ul. Bolshaya Gruzinskaya, 60-1,
Moscow, 123053 (RU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AKARO, Andrey Igorevich [RU/RU];
1-ya Pryadilnaya ul., 7-43, Moscow, 105037
(RU). DENISOV, Anatoly Alekseevich
[RU/RU]; ul. Rubinshteina, 36-49, St.Pe-
tersburg, 191002 (RU). ZELINSKY, Ana-
toly Mikhailovich [RU/RU]; Primorsky
prospekt, 155-35, St. Petersburg, 197374
(RU). MEDVEDEV, Mikhail Mikhailovich
[RU/RU]; ul. Naberezhnaya Tsiolgovskogo,
18-134, Zhukovsky, Moskovskaya obl.,
140186 (RU).(74) EFIMOV, Igor Dmitrievich; proezd
Cherepanovkh, 36-8, Moscow, 125008
(RU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B64D 13/06

(11) WO 03/086859 (13) A1

(21) PCT/GB03/01468

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 0208036.4 8 Apr/avr 2002 GB
(08.04.2002)(30) 0209322.7 24 Apr/avr 2002 GB
(24.04.2002)(30) 0219097.3 16 Aug/août 2002 GB
(16.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AIR CONDITIONING SYSTEM

- SYSTEME DE CLIMATISATION
- (71) **HONEYWELL NORMALAIR-GARRETT (HOLDINGS) LIMITED** [GB/GB]; Westland Works, Yeovil, Somerset BA20 2YD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AXE, Richard, James** [GB/GB]; 81 Combe Street Lane, Yeovil, Somerset BA91 3PE (GB). **HUNT, Richard, Grant** [GB/GB]; 81 Lower Fairmead Road, Yeovil, Somerset BA21 5SR (GB).
- (74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B64G 1/14, 1/00, 1/40

(11) WO 03/086860 (13) A1

(21) PCT/GB03/01582

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,078 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • COMMERCIAL SPACE TRANSPORTATION SYSTEM
- SYSTEME DE TRANSPORT SPATIAL COMMERCIAL

(71) **ANDREWS SPACE AND TECHNOLOGY, INC.** [US/US]; 911 Western Avenue N° 506, Seattle, WA 98104 (US).(71) **MILLER, James, Lionel, Woolverton** [GB/GB]; 6 The Fairfield, Farnham, Surrey GU9 8AH (GB).
(only for / seulement pour IS)(72) **ANDREWS, Jason**; 911 Western Avenue N° 506, Seattle, WA 98104 (US). **ANDREWS, Dana**; 911 Western Avenue N° 506, Seattle, WA 98104 (US).(74) **MILLER, James, Lionel, Woolverton et al.** / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) CN IN IS JP RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B64G 1/28, G05D 1/08

(11) WO 03/086861 (13) A1

(21) PCT/US03/11215

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en
(30) 10/121,900 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • VIRTUAL REACTION WHEEL ARRAY USING CONTROL MOMENT GYROS
- DISPOSITIF DE ROUE A REACTION VIRTUELLE UTILISANT UN ACTIONNEUR GYROSCOPIQUE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).(72) **BAILEY, David, A.**; 6272 W. Melinda Lane, Glendale, AZ 85308 (US). **JOHNSON, Norman, E.**; 201 West Conrad Drive, Phoenix, AZ 85023 (US).(74) **CRISS, Roger, H. et al.** / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B

(11) WO 03/086862 (13) A2

(21) PCT/US03/10647

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/119,876 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SHRINK WRAP FOR INFLATABLE CURTAIN PACKAGE
- EMBALLAGE RETRECISSEABLE POUR UN ENSEMBLE DE RIDEAU GONFLABLE

(71) **AUTOLIV ASP, INC.** [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).(72) **SADERHOLM, Davin**; 6 Destino Way, Mission Viejo, CA 92692 (US). **HEINER, Blake**; 3185 West 4725 South, Roy, UT 84067 (US). **HESS, Travis**; 1460 North 1500 West, Farr West, UT 84404 (US).(74) **METCALF, Craig**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B 1/36, 1/38

(11) WO 03/086863 (13) A1

(21) PCT/GB03/01447

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0207769.1 4 Apr/avr 2002 GB (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR LOADING A CONTAINER WITH A PRODUCT
- PROCEDE ET APPAREIL PERMETTANT DE CHARGER UN CONTENANT AVEC UN PRODUIT

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **BAILEY, Thomas, William** [GB/GB]; Molins International Technology Centre, 13 Westwood Way, Westwood Business Park, Coventry, West Midlands CV4 8HS (GB). **BAKER, Jeremy, Keith** [GB/GB]; Molins International Technology Centre, 13 Westwood Way, Westwood Business Park, Coventry, West Midlands CV4 8HS (GB). **SCHERZER, Raymond, Herbert** [US/US]; GlaxoSmithKline, Five Moore Drive, Research Triangle Park, Durham, NC 27709 (US). **SELF, Roger, Don** [GB/GB]; GlaxoSmithKline, Priory Street, Ware, Hertfordshire SG12 0DJ (GB).(74) **GIDDINGS, Peter, John**; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B 3/32, B67C 3/20

(11) WO 03/086864 (13) A1

(21) PCT/EP03/03959

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 202 06 064.0 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METERING DEVICE FOR FLOWABLE PRODUCTS
- DISPOSITIF DE DOSAGE DE PRODUITS COULANTS

(71) FINNAH ENGINEERING UND PACKAGING GMBH [DE/DE]; Einsteinstrasse 18, 48683 Ahaus (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINGENHOFF, Berthold [DE/DE]; Veilchenweg 15, 48683 Ahaus (DE).

(74) BUSSE, Dietrich et al. / etc.; Grosshandelsring 6, 49084 Osnabrück (DE).

(81) CA DE ES GB PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ B65B 3/32

(11) WO 03/086865 (13) A1

(21) PCT/EP03/03961

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 202 06 065.9 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METERING DEVICE FOR FLOWABLE PRODUCTS

• DISPOSITIF DE DOSAGE DE PRODUITS APTES A L'ÉCOULEMENT

(71) FINNAH ENGINEERING UND PACKAGING GMBH [DE/DE]; Einsteinstrasse 18, 48683 Ahaus (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINGENHOFF, Berthold [DE/DE]; Veilchenweg 15, 48683 Ahaus (DE).

(74) BUSSE, Dietrich et al. / etc.; Grosshandelsring 6, 49084 Osnabrück (DE).

(81) CA DE ES GB PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ B65B 9/02, 41/12

(11) WO 03/086866 (13) A1

(21) PCT/EP03/03762

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 17 253.6 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR WRAPPING PRODUCTS IN PACKAGING MATERIAL

• DISPOSITIF PERMETTANT D'ENVELOPPER DES MARCHANDISES DANS UN MATÉRIAU D'EMBALLAGE

(71) OPTIMA FILLING AND PACKAGING MACHINES GMBH [DE/DE]; Steinbeisweg 20, 74523 Schwäbisch Hall (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGER, Holm [DE/DE]; Im Schwurm 12, 74523 Schwäbisch Hall (DE).

(74) PATENTANWÄLTE RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Zusammenschluss Nr. 16, Kronenstrasse 30, 70174 Stuttgart (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ B65B 9/08, 61/08, 43/26

(11) WO 03/086867 (13) A2

(21) PCT/US03/11362

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,484 10 Apr/avr 2002 US (10.04.2002)

(30) 10/410,563 9 Apr/avr 2003 US (09.04.2003)

(30) 10/409,865 9 Apr/avr 2003 US (09.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STAND-UP POUCH FORMING, FILLING AND SEALING

• FORMATION, REMPLISSAGE ET SCÉLLEMENT D'UN SACHET QUI SE TIENT DEBOUT

(71) R.A. JONES & CO. INC. [US/US]; 2701 Crescent Springs Road, Covington, KY 41017 (US).

(72) OLIVERIO, Frank, G.; 6038 Christopher Lane, Cincinnati, OH 45233 (US). MAKUTONIN, Boris, E.; 9012 Cypresspoint Lane, Cincinnati, Ohio 45249 (US). HIZER, David, P.; 512 Ridge Avenue, Aurora, IN 47001 (US). JONES, Lawrence, K.; 518 Tenth Avenue, Dayton, KY 41074 (US). BURKHARDT, Robert, J.; 38 Virginia Avenue, Fort Mitchell, KY 41017 (US).

(74) STALLARD, David, S. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B 9/10, 1/34

(11) WO 03/086868 (13) A1

(21) PCT/JP03/04735

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-151583 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR BAGGING DRY INGREDIENTS

• DISPOSITIF DESTINÉ À ENSACHER DES INGRÉDIENTS SECS

(71, 72) NOUMI, Kenji [JP/JP]; 6-12, Gion 4-chome, Yahatahigashi-ku, Kitakyushu-shi, Fukuoka 805-0067 (JP).

(74) NAKAMAE, Fujio; Room 401, Kansens Bldg., 13-23, Asano 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8691 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65B 9/20

(11) WO 03/086869 (13) A1

(21) PCT/US03/07893

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/117,400 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUBE PACK BAG MAKING

• TUBE D'EMBALLAGE POUR FABRICATION DE SAC

(71) RECOT, INC. [US/US]; 5000 Hopyard Road, Suite 460, Pleasanton, CA 94588 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEHRING, Jay, E. [US/US]; 4 Mallard Court, Frisco, TX 75034 (US). KNOERZER, Anthony, Robert [US/US]; 8100 Greensboro Drive, Plano, TX 75025 (US). KOHL, Garrett, William [US/US]; 902 Sonora Drive, Allen, TX 75013 (US). TUCKER, Steven, Kenneth [US/US]; 412 E. Ellen Avenue, Hurst, TX 76503 (US).

(74) CAHOON, Colin, P.; Carstens, Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B65B 01/02

(11) WO 03/086870 (13) A1

(21) PCT/US03/11222

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,166 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR
FORMING AND FILLING POUCHES
OF VARYING DIMENSIONS

- APPAREIL ET PROCÉDE DE FOR-
MAGE ET DE REMPLISSAGE DE SA-
CHETS DE DIMENSIONS VARIABLES

(71) MARS INCORPORATED [US/US]; 6885
Elm Street, McLean, VA 22101-3993 (US).(72) PARADISSIS, Art; 404 Engelwood Court,
Powell, OH 43065 (US). KEEN, Bruce; 806
Amy Lane, Chattanooga, TN 37421 (US).
BROKAW, Charley, E.; 500 Waltham Way,
Sparks, NV 89434 (US). JERGENSEN,
Donald; 13 Saddle Lane, Easton, PA 18045
(US).(74) SIMPSON, Jan, K.; Fulbright & Jaworski
L.L.P., Suite 5100, 301 McKinney, Houston,
TX 77010-3095 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B65B 11/54

(11) WO 03/086871 (13) A1

(21) PCT/NL03/00295

(22) 17 Apr/avr 2003 (17.04.2003)

(25) nl (26) en

(30) 1020419 18 Apr/avr 2002 NL
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MACHINE FOR PACKAGING PROD-
UCTS

- MACHINE D'EMBALLAGE DE PRO-
DUITS

(71) CFS WEERT B.V. [NL/NL]; De Fuus 8,
NL-6006 RV Weert (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ASMA, Seferinus, Jelle [NL/NL]; Van
Vroonhovenlaan 1A, NL-5502 CM Veld-
hoven (NL).(74) FERGUSON, Alexander; c/o Octrooibu-
reau Vriesendorp & Gaade, P.O. Box 266,
NL-2501 AW The Hague (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B65B 63/02, 9/02

(11) WO 03/086872 (13) A1

(21) PCT/EP03/03763

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 17 240.4 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PACK-
ING OBJECTS

- PROCÉDE ET DISPOSITIF D'EMBAL-
LAGE D'OBJETS

(71) OPTIMA FILLING AND PACKAGING
MACHINES GMBH [DE/DE]; Stein-
beisweg 20, 74523 Schwäbisch Hall (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PFEIFER, Georg [DE/DE]; Guten-
bergstrasse 17, 74523 Schwäbisch Hall (DE).(74) RUFF, WILHELM, BEIER, DAUSTER
& PARTNER; Kronenstrasse 30, 70174
Stuttgart (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ B65C 9/18

(11) WO 03/086873 (13) A1

(21) PCT/US03/07438

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) PS 1716 12 Apr/avr 2002 AU
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LABELLING DEVICE

- DISPOSITIF D'ETIQUETAGE

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3437 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) THOMS, Graham, E. [AU/AU]; 600
Londonerry Road, Londonderry, NSW 2753
(AU).(74) BUSS, Melissa, E. et al. / etc.; Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model
/ modèle d'utilité) DE DK (Utility model
/ modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ B65D

(11) WO 03/086874 (13) A2

(21) PCT/DE03/01248

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 16 518.1 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR CREAT-
ING AN ARTIFICIAL ATMOSPHERE
IN A STORAGE OR TRANSPORT CON-
TAINER

- PROCÉDE ET DISPOSITIF DE PRO-
DUCTION D'UNE ATMOSPHERE
ARTIFICIELLE AU SEIN D'UN RE-
CEPTACLE DE STOCKAGE OU DE
TRANSPORT

(71) CARGOFRESH VERWALTUNGS
GMBH [DE/DE]; Hans-Böckler-Ring 23
C, 22851 Norderstedt (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DUNKELMANN, Rolf [DE/DE];
Raamfeld 111, 22397 Hamburg (DE).

(74) MEYER, Ludgerus, A.; Jungfernstieg 38, 20354 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D

(11) WO 03/086875 (13) A2

(21) PCT/US03/10662

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,075 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESSORY STORAGE DEVICE

• DISPOSITIF DE RANGEMENT D'ACCESSOIRES

(71, 72) SCHULTZ, James [US/US]; 211 Sandy Point Lane, Lake Zurich, IL 60047 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, 120 South Lasalle Street, Suite 1600, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D

(11) WO 03/086876 (13) A2

(21) PCT/US03/04727

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 60/370,874 8 Apr/avr 2002 US (08.04.2002)

(30) 10/170,869 13 Jun/juin 2002 US (13.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATED SUPPORT MEMBER POSITIONING AND REMOVING SYSTEMS AND RELATED DEVICES AND METHODS

• SYSTEMES AUTOMATISES DE MISE EN PLACE ET DE RETRAIT D'ELEMENT DE SUPPORT, ET DISPOSITIFS ET PROCEDES S'Y RAPPORTANT

(71) GOODMARK FOODS, INC. [US/US]; 4851 Jones Sausage Road, Garner, NC 27529 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHEFET, Sarid, M. [IL/US]; 200 Longbridge Drive, Cary, NC 27511 (US). CHANDLER, Lawrence, Alan [US/US]; 8313 Candlelight Oaks Lane, Raleigh, NC 27603 (US). HAWKINS, Richard, Rodeheaver [US/US]; 5209 Bridget Drive, Raleigh, NC 27603 (US). HORVATH, JR., Frank, Michael [US/US]; 645 Abbeydale Road, Harmony, NC 28634 (US). PHILLIPS, John, Michael [US/US]; 112 Prince Avenue, State Road, NC 28676 (US).

(74) MYERS, BIGEL, SIBLEY & SAJOVEC; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D

(11) WO 03/086877 (13) A2

(21) PCT/US03/09675

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/116,810 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STERILIZABLE PACKAGE

• EMBALLAGE STERILISABLE

(71) RONPAK, INC. [US/US]; 4301 New Brunswick Avenue, South Plainfield, NJ 07080-1291 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEDLEY, Ronald [US/US]; 7343 Balantrae Court, Boca Raton, FL 33496-1423 (US).

(74) COLLINS, Alphonso, A. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 1/00, 23/02, C23C 16/26, 16/27, 16/44

(11) WO 03/086878 (13) A1

(21) PCT/JP02/03737

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR FORMING DLC FILM ON INNER SURFACE OF PLASTIC CONTAINER

• SYSTEME ET PROCEDE DE FORMATION D'UN FILM DLC SUR UNE SURFACE INTERIEURE D'UN CONTENANT EN PLASTIQUE

(71) MITSUBISHI SHOJI PLASTICS CORPORATION [JP/JP]; Gotanda Fuji Bldg., 27-2, Nishigotanda 1-chome, Shinagawa-ku, Tokyo 141-8535 (JP). YOUTEC CO., LTD. [JP/JP]; 956-1, Ooaza Nishi-Hirai, Nagareyama-shi, Chiba 270-0156 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMA, Kenichi [JP/JP]; C/O MITSUBISHI SHOJI PLASTICS CORPORATION, Gotanda Fuji Bldg., 27-2, Nishigotanda 1-chome, Shinagawa-ku, Tokyo 141-8535 (JP). KAGE, Tsuyoshi [JP/JP]; C/O MITSUBISHI SHOJI PLASTICS CORPORATION, Gotanda Fuji Bldg., 27-2, Nishigotanda 1-chome, Shinagawa-ku, Tokyo 141-8535 (JP). SHIMIZU, Tsuneo [JP/JP]; C/O YOUTEC CO., LTD., 956-1, Ooaza Nishi-Hirai, Nagareyama-shi, Chiba 270-0156 (JP). ARAKI, Tomoyuki [JP/JP]; C/O YOUTEC CO., LTD., 956-1, Ooaza Nishi-Hirai, Nagareyama-shi, Chiba 270-0156 (JP).

(74) IMASHITA, Katsushi et al. / etc.; I'LL P.F., Kusumoto Dairoku Bldg. 8th Fl., 3-9, Higashi-shimbashi 1-chome, Minato-ku, Tokyo 105-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 5/52, 5/50

(11) WO 03/086879 (13) A1

(21) PCT/GB03/01537

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208465.5 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CONTAINER
• CONTENEUR

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DIEPEN, Jacobus, Simon, Petrus [NL/GB]; Reckitt Benckiser (UK) Limited, 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(74) BOWERS, Craig, M. et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 5/74

(11) WO 03/086880 (13) A1

(21) PCT/NL02/00229

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTAINER FOR A FLOWING PRODUCT AND METHOD FOR MANUFACTURING AND FILLING SUCH A CONTAINER

• RECIPIENT POUR PRODUIT FLUIDE ET PROCEDE POUR FABRIQUER UN REMPLISSAGE POUR CE RECIPIENT

(71) CAMPINA B.V. [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL). SHIKOKU KAKOKI CO., LTD [JP/JP]; 10-1, Aza-Nishinokawa, Tarohachisu, Kitajima-cho, Itano-gun, Tokushima 771-0287 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOOFT, Corstiaan, Johannes [NL/NL]; Burgemeester Falkenaweg 61, NL-8442 KZ Heerenveen (NL). LEIJTEN, Martinus, Francisus, Johannes, Cornelis [NL/NL]; Houtrakgracht 328, NL-3544 SG Utrecht (NL). VERBURGH, Yves, Luc, René [BE/BE]; Hauchecornestraat 33, B-2870 Puurs (BE). IWANO, Fumiyuki [JP/JP]; 47-11, Aza-Kitaboji, Higashi Nakatomi, Aizumi-cho, Itano-gun, Tokushima 771-1220 (JP). UEDA, Shigeru [JP/JP]; 2-2-4, Minami Josanjima, Tokushima City, Tokushima 770-0814 (JP).

(74) BROOKHUIS, H., J., A.; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 5/74

(11) WO 03/086881 (13) A1

(21) PCT/NL03/00258

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) PCT/NL02/00229 5 Apr/avr 2002 NL (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTAINER FOR A FLOWING PRODUCT AND METHOD FOR MANUFACTURING AND FILLING SUCH A CONTAINER

• RECIPIENT POUR PRODUITS FLUIDES ; PROCEDE DE FABRICATION ET METHODE DE REMPLISSAGE

(71) CAMPINA B.V. [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL). SHIKOKU KAKOKI CO., LTD [JP/JP]; 10-1, Aza-Nishinokawa, Tarohachisu, Kitajima-cho, Itano-gun, Tokushima 771-0287 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOOFT, Corstiaan, Johannes [NL/NL]; 61 Burgemeester Falkenaweg, NL-8442 KZ Heerenveen (NL). LEIJTEN, Martinus, Francisus, Johannes, Cornelis [NL/NL]; Houtrakgracht 328, NL-3544 SG Utrecht (NL). VERBURGH, Yves, Luc, René [BE/BE]; Hauchecornestraat 33, B-2870 Puurs (BE). IWANO, Fumiyuki [JP/JP]; 47-11, Aza-Kitaboji, Higashi Nakatomi, Aizumi-cho, Itano-gun, Tokushima 771-1220 (JP). UEDA, Shigeru [JP/JP]; 2-2-4, Minami Josanjima, Tokushima City, Tokushima 770-0814 (JP).

(74) BROOKHUIS, H.J.A. et al. / etc.; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 21/04, 77/04, B64D 11/00, A47J 39/00

(11) WO 03/086882 (13) A1

(21) PCT/EP03/03595

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 02076443.7 12 Apr/avr 2002 EP (12.04.2002)

(30) 02078602.6 30 Aug/août 2002 EP (30.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OVENABLE STACKABLE AND NESTABLE TRAYS AND INDUSTRIAL CATERING METHOD USING THESE TRAYS

• BARQUETTES GERBABLES ET EMPILABLES POUR CUISSON AU FOUR, ET PROCEDE DE RESTAURATION INDUSTRIELLE UTILISANT CES BARQUETTES

(71) SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; Case Postale 353, CH-1800 Vevey (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUCHARME, Camille [CA/CH]; Chemin de Vers chez Cochard 12, CH-1807 Blonay (CH). INDEKEU, Erik [BE/BE]; Lindestraat 55, B-2100 Deurne (BE). GEENS, Patrik [BE/BE]; Oude Berkenbosstraat 1, B-3060 Bertem (BE). DE NEUBOURG, Wouter [BE/BE]; Pretoriastraat 80, B-2600 Berchem (BE).

(74) ICB INGENIEURS CONSEILS EN BREVETS S.A.; Rue des Sors 7, CH-2074 Marin (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 23/08, 1/02, B29C 49/24

(11) WO 03/086883 (13) A1

(21) PCT/EP03/03829

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) A 585/2002 16 Apr/avr 2002 AT (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECEPTACLE AND METHOD FOR PRODUCING THE SAME

• RECIPIENT ET SON PROCEDE DE PRODUCTION

(71) RUNDPACK AG [CH/CH]; Rheinstrasse 6, CH-9444 Diepoldsau (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLAUSRIEGLER, Heinz** [AT/AT]; Kreuzberg 11, A-4550 Kremsmünster (AT).

(74) **SECKLEHNER, Günter**; Rosenauerweg 16, A-4580 Windischgarsten (AT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 25/04**

(11) **WO 03/086884** (13) A1

(21) PCT/US03/11423

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,270 **11 Apr/avr 2002** US (11.04.2002)

(30) 10/412,606 **10 Apr/avr 2003** US (10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **SURGE TANK**

• **RESERVOIR D'EQUILIBRAGE**

(71) **MOBIUS TECHNOLOGIES, INC.** [US/US]; 355-D Crown Point Circle, Grass Valley, CA 95945 (US).

(72) **VILLWOCK, Robert, Donald**; 10555 Bragg Avenue, Grass Valley, CA 95945 (US). **COCHRAN, Joseph, Richard**; 11997 Hanley Drive, Grass Valley, CA 95949 (US).

(74) **GATHY, Andrew, D.**; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 27/38, B31B 1/90**

(11) **WO 03/086885** (13) A1

(21) PCT/JP03/02454

(22) **3 Mar/mar 2003 (03.03.2003)**

(25) ja (26) ja

(30) 2002-110044 **12 Apr/avr 2002** JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ENVELOPE AND METHOD OF PRODUCING THE SAME**

• **ENVELOPPE ET SON PROCÉDE DE PRODUCTION**

(71) **KATAFUCHI, Kazuko** [JP/JP]; 1-1, To-bitake 1-chome, Umi-machi, Kasuya-gun, Fukuoka 811-2107 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **OKAZAKI, Kuniyoshi** [JP/JP]; 10-4, Kanenokuma 2-chome, Hakata-ku, Fukuoka-shi, Fukuoka 816-0063 (JP).

(74) **KOHORI, Susumu et al.** / etc.; Hakata-Shin-Mitsui Bldg., 1-1, Hakataekimae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 33/16, 33/14**

(11) **WO 03/086886** (13) A1

(21) PCT/US03/10079

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 60/371,340 **9 Apr/avr 2002** US (09.04.2002)

(30) 60/394,644 **9 Jul/juil 2002** US (09.07.2002)

(30) 10/306,034 **27 Nov/nov 2002** US (27.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD AND DEVICE FOR HOLDING RECLOSABLE THERMOPLASTIC SLIDER BAGS**

• **PROCÉDE ET DISPOSITIF POUR LE MAINTIEN DE SACS THERMOPLASTIQUES REFERMABLES A FERMETURE COULISSANTE**

(71) **S. C. JOHNSON HOME STORAGE, INC.** [US/US]; Kristin L. Chapman, 1525 Howe Street, Racine, WI 53403-2236 (US).

(72) **TURVEY, Robert, R.**; 500 Peterson Drive, Sanford, MI 48657 (US). **GUNDLACH, Douglas, P.**; 5119 Worsley Lane, Racine, WI 53402 (US). **BETANCOURT, Allison, K.**; 402 North Andre, Saginaw, MI 48602 (US). **STANLEY, Daniel, Warwick, Jr.**; 411 Fletcher Place, Winter Park, FL 32789 (US).

(74) **CHAPMAN, Kristin, L. et al.** / etc.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403-2236 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 33/25**

(11) **WO 03/086887** (13) A1

(21) PCT/KR03/00724

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) ko (26) en

(30) 10-2002-0020742 **11 Apr/avr 2002** KR (11.04.2002)

(30) 10-2002-0021386 **15 Apr/avr 2002** KR (15.04.2002)

(30) 10-2002-0025701 **6 May/mai 2002** KR (06.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **POUCH CONTAINER FOR HOLDING NON-MOISTURE OR LOW-MOISTURE MATERIAL TO BE MIXED WITH SEPARATELY-FED-LIQUID MATERIAL**

• **CONTENANT DE TYPE SACHET POUR MATIERE SECHE OU A FAIBLE TENEUR EN EAU DESTINEE A ETRE MELANGEE A UNE MATIERE LIQUIDE INTRODUITE SEPAREMENT**

(71, 72) **LEE, Jung-Min** [KR/KR]; #1208, Misung APT. A-dong, 37 Yeouedo-dong, Youngdunpo-gu, 150-010 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 33/28**

(11) **WO 03/086888** (13) A1

(21) PCT/AU03/00429

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) PS 1696 **11 Apr/avr 2002** AU (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BAG SEALING SYSTEM**

• SYSTEME DE FERMETURE DE SAC
(71, 72) **BLAKEY, Richard, Leonard** [AU/AU];
29 Dural Street, Hornsby, NSW 2077 (AU).

(74) **FRASER OLD & SOHN**; Level 6, 118 Alfred Street, Milsons Point, New South Wales 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 37/00**

(11) **WO 03/086889** (13) A1

(21) PCT/US03/10043

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 10/116,871 **5 Apr/avr 2002 (05.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-PIECE SNAP-TOGETHER CAP
• CAPSULE A ENCLIQUETER COM-
PRENANT PLUSIEURS ELEMENTS

(71) **STULL TECHNOLOGIES** [US/US]; 17 Veronica Avenue, Somerset, NJ 08873 (US).

(72) **STULL, Gene**; 1 Winston Farm Lane, Far Hills, NJ 07931 (US). **AUER, Robert**; 546 Penn Estates, East Stroudsburg, PA 18301 (US).

(74) **HELFGOTT, Samson et al.** / etc.; 575 Madison Avenue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 41/04**

(11) **WO 03/086890** (13) A1

(21) PCT/US03/11096

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,885 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLASTIC BARRIER CLOSURE AND METHOD OF FABRICATION

• BOUCHON ETANCHE EN PLASTIQUE ET PROCEDE DE FABRICATION

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **SCHENCK, Timothy, T.**; 420 Twaddell Mill Road, Centerville, DE 19807 (US). **TOPA, Antonio, J.F.**; 3131 Wilmont Drive, Wilmington, DE 19810 (US).

(74) **EVANS, Craig, H.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ **B65D 41/34, 47/08**

(11) **WO 03/086891** (13) A1

(21) PCT/CH03/00209

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) de (26) de

(30) 632/02 **16 Apr/avr 2002 (16.04.2002)** CH

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SNAP-ACTION HINGED CLOSURE FOR A REFILLABLE CONTAINER

• SYSTEME DE BOUCHAGE A CHARNIERE ENCLIQUETABLE POUR RECIPIENT RECHARGEABLE

(71) **CREATECHNIC AG** [CH/CH]; Hakabstrasse 5, CH-8309 Nürensdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUNZ, Armin** [CH/CH]; Urwerf 13, CH-8200 Schaffhausen (CH).

(74) **PATENTANWÄLTE FELDMANN & PARTNER AG**; Kanalstrasse 17, CH-8152 Glattbrugg (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B65D 47/24, 47/28**

(11) **WO 03/086892** (13) A1

(21) PCT/GB02/01477

(22) **5 Apr/avr 2002 (05.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLOSURE OF THE PUSH-PULL TYPE FOR CONTAINERS FOR SOFT DRINKS AND SIMILAR

• FERMETURE DE TYPE TIRE-POUSSE POUR CONTENANTS DESTINEES A DES BOISSONS GAZEUSES ET ANALOGUE

(71) **TECHNOCAPS LIMITED** [GB/GB]; 41 Roseburn Terrace, Edinburgh EH12 5NQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MESTRINER, Romeo** [IT/IT]; Via Swimburne 14, I-16148 Genoa (IT).

(74) **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 1RS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 51/28**

(11) **WO 03/086893** (13) A1

(21) PCT/KR03/00743

(22) **12 Apr/avr 2003 (12.04.2003)**

(25) ko (26) en

(30) 10-2002-0020178 **12 Apr/avr 2002 (12.04.2002)** KR

(30) 10-2002-0031470 **4 Jun/juin 2002 (04.06.2002)** KR

- (30) 10-2002-0067316 **31 Oct/oct 2002** KR
(31.10.2002)
- (30) 10-2002-0067317 **31 Oct/oct 2002** KR
(31.10.2002)
- (30) 10-2002-0067318 **31 Oct/oct 2002** KR
(31.10.2002)
- (30) 20-2002-0032662 **31 Oct/oct 2002** KR
(31.10.2002)
- (30) 10-2002-0073690 **25 Nov/nov 2002** KR
(25.11.2002)
- (30) 10-2003-0008288 **10 Feb/fév 2003** KR
(10.02.2003)
- (30) 10-2003-0008435 **11 Feb/fév 2003** KR
(11.02.2003)
- (30) 10-2003-0023239 **12 Apr/avr 2003** KR
(12.04.2003)
- (30) 10-2003-0023240 **12 Apr/avr 2003** KR
(12.04.2003)
- (30) 10-2003-0023241 **12 Apr/avr 2003** KR
(12.04.2003)
- (30) 10-2003-0023242 **12 Apr/avr 2003** KR
(12.04.2003)
- (30) 10-2003-0023243 **12 Apr/avr 2003** KR
(12.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONTAINER HAVING CAP DEVICE FOR SEPARATE STORAGE AND RELEASE OF ADDITIVES WHEN OPENED
- RECIPIENT COMPORTANT UN DISPOSITIF BOUCHON PERMETTANT LE STOCKAGE ET LA DISTRIBUTION SEPARÉS D'ADDITIFS LORS DE L'OUVERTURE DUDIT RECIPIENT
- (71) CHO, Youngkook [KR/US]; 3090 E. 50th St., Vernon, CA 90058 (US).
- (74) KIM, Inhan; 6th Floor, Kyungmin Bldg., 18-3, Jamwon-dong, Seocho-gu, Seoul 137-903 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D 55/14, 51/24, 50/00
- (11) WO 03/086894 (13) A1
- (21) PCT/GB03/01469
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 0207890.5 **5 Apr/avr 2002** GB
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHILD RESISTANT CLOSURE CAP
- CAPUCHON DE SECURITE

- (71, 72) RITSON, Peter, Alvin [GB/GB]; 81A New Ferry Road, New Ferry, Wirral, Merseyside CH62 1BH (GB).
- (74) WOMBWELL, Francis; Potts, Kerr & Co, 15 Hamilton Square, Birkenhead, Merseyside CH41 6BR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 65/16, 77/12
- (11) WO 03/086895 (13) A1
- (21) PCT/JP03/03646
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-115022 **17 Apr/avr 2002** JP
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PACKAGING MATERIAL AND PACKAGING BAG
- MATERIAU D'EMBALLAGE ET SAC D'EMBALLAGE
- (71) TOPPAN PRINTING CO., LTD. [JP/JP]; 5-1, Taito 1-chome, Taito-ku, Tokyo 110-8560 (JP). AOHATA CORPORATION [JP/JP]; 1-25, Tadanouminakamachi 1-chome, Takehara-shi, Hiroshima 729-2316 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHIOKAWA, Shunichi [JP/JP]; c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-8560 (JP). MASAI, Shingo [JP/JP]; c/o AOHATA CORPORATION, 1-25, Tadanouminakamachi 1-chome, Takehara-shi, Hiroshima 729-2316 (JP).
- (74) AKIMOTO, Teruo; 1-1-1, Minamiaoyama, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 71/50
- (11) WO 03/086896 (13) A1
- (21) PCT/US03/11182

- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 10/122,279 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MULTIPLE PACK BOTTLE HOLDER
- PORTE BOUTEILLE A EMBALLAGE MULTIPLE
- (71) JAY PACKAGING GROUP, INC. [US/US]; 100 Warwick Industrial Drive, Warwick, RI 02886 (US).
- (72) KELLY, Robert, L.; 356 Adams Street, Manchester, CT 06040 (US).
- (74) BUCKLEY, Linda, M. et al. / etc.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D 75/52, 35/28
- (11) WO 03/086897 (13) A1
- (21) PCT/EP03/03231
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 02252634.7 **15 Apr/avr 2002** EP
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICE FOR STORING AND SQUEEZING SACHETS
- DISPOSITIF PERMETTANT DE STOCKER ET DE PRESSER DES SACHETS
- (71) UNILEVER N.V. [NL/NL]; UNILEVER N.V., Weena 455, NL-3013 AL Rotterdam (NL).
- (only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)*
- (71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4 4BQ (GB).
- (only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)*
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
- (only for / seulement pour IN)*
- (72) MASKELL, William, John; PACKAGING INNOVATION LIMITED, 1-5 Colville

- Mews, Lonsdale Road, London W11 2AR (GB).
- (74) KAN, Jacob, H.; UNILEVER R & D VLAARDINGEN, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 75/58

(11) WO 03/086898 (13) A1

(21) PCT/FR03/00521

(22) 18 Feb/fév 2003 (18.02.2003)

(25) fr (26) fr

(30) 02 04589 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PACKAGED FOOD PRODUCT WHICH CAN BE SPLIT INTO PARTS

• PRODUIT ALIMENTAIRE EMBALLÉ SUSCEPTIBLE D'ÊTRE FRACTIONNÉ.

(71) LU FRANCE [FR/FR]; Z.I. du Bois de l'Epine, Avenue Ambroise Croizat, F-91130 RIS ORANGIS (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ODIER, David [FR/FR]; 26, Boulevard des Alliés, F-48100 MONTAIGNE SUR LE LOIR (FR). VERHAEGEN, René [BE/BE]; P. Antonissenstraat 12, B-2920 KALMTHOUT (BE).

(74) CABINET ORES et al. / etc.; 36, rue de St Petersbourg, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 77/04, B65B 31/04, B65D 77/00, 79/02, 81/20

(11) WO 03/086899 (13) A1

(21) PCT/EP03/03379

(22) 1 Apr/avr 2003 (01.04.2003)

(25) de (26) de

(30) 102 17 114.9 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRINK PACKAGING AND METHOD FOR PRODUCING A DRINK PACKAGING

• EMBALLAGE DE BOISSON ET PROCEDE DE REALISATION D'EMBALLAGE DE BOISSON

(71) LICHER PRIVATBRAUEREI [DE/DE]; Jhring-Melchior GmbH & Co. KG, In den Hardtberggärten, 35423 Lich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIRKENSTOCK, Bernd [DE/DE]; Kreuzweg 27, 35423 Lich (DE). BÖSSENDÖRFER, Gerhard [DE/DE]; Hungener Strasse 4, 35423 Lich (DE).

(74) BÖCK TAPPE KOLLEGEN; Ludwigsweg 9, 35390 Giessen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 81/26, 85/84, 83/04

(11) WO 03/086900 (13) A1

(21) PCT/US03/10990

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,339 11 Apr/avr 2002 (11.04.2002)

(30) 10/219,570 15 Aug/août 2002 (15.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DESICCANT VIAL ASSEMBLY FOR EFFERVESCENT TABLETS

• ENSEMBLE FLACON A AGENT DESICCANT DESTINE A DES COMPRIMES EFFERVESCENTS

(71) CSP TECHNOLOGIES INC. [US/US]; 1635 Pumphrey Avenue, Auburn, AL 36832 (US).

(72) BELFANCE, John; P.O. Box 189, Fonda, NY 12068 (US). SUPRANOWICZ, Ronald; 42 Hawthorne Street, Lenox, MA 01240 (US).

(74) SCHINDLER, Barry, J.; Greenberg Traurig, LLP, 885 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 83/04

(11) WO 03/086901 (13) A1

(21) PCT/CH03/00256

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 647/02 17 Apr/avr 2002 CH (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EFFERVESCENT TABLET DISPENSER
• DISTRIBUTEUR DE COMPRIMES EFFERVESCENTS

(71) CREATECHNIC AG [CH/CH]; Hakabstrasse 5, CH-8309 Nürensdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRENNER, Andreas [DE/CH]; Unterer Grundweg 2, CH-8475 Ossingen (CH).

(74) Josef Felber; FELBER & PARTNER AG, Dufourstrasse 116, CH-8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 83/14

(11) WO 03/086902 (13) A1

(21) PCT/US03/05896

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 10/117,405 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SELF-METERING DISPENSING DEVICE
• DISPOSITIF DE DISTRIBUTION A DOSE AUTOMATIQUE

(71) JOHNSON DIVERSEY, INC. [US/US]; Neil E. Hamilton, M/S 509, 8310 16th Street, Sturtevant, WI 53177 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHILLER, Steven, E. [US/US]; 7519 7th Avenue, Kenosha, WI 53143 (US).

(74) JOHNSON DIVERSEY, INC.; c/o Warren R. Bovee, 8310 16th Street, Sturtevant, WI 53177 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 85/10, 5/42

(11) WO 03/086903 (13) A1

(21) PCT/EP03/50111

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) BO2002A000203 17 Apr/avr 2002 IT
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CONTAINER OF CIGARETTES
• PAQUET DE CIGARETTES

(71) G.D SOCIETÀ PER AZIONI [IT/IT]; Via
Battindarno, 91, I-40133 BOLOGNA (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PETRUCCI, Luca [IT/IT]; Via Tira-
boschi, 27, I-41013 CASTELFRANCO
EMILIA (IT). DRAGHETTI, Fiorenzo
[IT/IT]; Via San Donino, 506, Frazione Vil-
lafontana, I-40059 MEDICINA (IT).

(74) JORIO, Paolo et al. / etc.; STUDIO TORTA
S.r.l., Via Viotti, 9, I-10121 TORINO (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B65D 85/10, 5/66, 5/42

(11) WO 03/086904 (13) A1

(21) PCT/EP03/50112

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) BO2002A000204 17 Apr/avr 2002 IT
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CONTAINER FOR TOBACCO ARTI-
CLES
• BOITE POUR ARTICLES A BASE DE
TABAC

(71) G.D SOCIETÀ PER AZIONI [IT/IT]; Via
Battindarno, 91, I-40133 BOLOGNA (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DRAGHETTI, Fiorenzo [IT/IT]; Via
San Donino, 506, Frazione Villafontana,
I-40059 MEDICINA (IT). GHINI, Marco
[IT/IT]; Via Galletta, 46/B, I-40068 S. LAZ-
ZARO DI SAVENA (IT).

(74) JORIO, Paolo et al. / etc.; STUDIO TORTA
S.r.l., Via Viotti, 9, I-10121 TORINO (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ B65D 85/32

(11) WO 03/086905 (13) A1

(21) PCT/DK02/00891

(22) 20 Dec/déc 2002 (20.12.2002)

(25) en (26) en

(30) 02008640.1 17 Apr/avr 2002 EP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DISPLAY PACKAGE
• EMBALLAGE POUR ARTICLES TELS
QUE DES OEUFS

(71) BRØDRENE HARTMANN A/S [DK/DK];
Klampenborgvej 203, DK-2800 Lyngby
(DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BUCKLEY, Nick [GB/GB]; 62 Tunnel
Wood Road, Watford, Hertfordshire WD 17
4GE (GB).

(74) BUDDE, SCHOU & OSTENFELD A/S;
Vester Sogade 10, DK-1601 Kobenhavn
(DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 1/04, B23Q 3/155

(11) WO 03/086906 (13) A1

(21) PCT/EP02/13897

(22) 7 Dec/déc 2002 (07.12.2002)

(25) de (26) de

(30) 202 06 193.0 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CIRCULAR STORAGE DEVICE FOR
STORING AND PICKING ARTICLES
• DISTRIBUTEUR AUTOMATIQUE
ROND

(71) P+P MATERIALFLUSS-SYSTEME
GMBH [DE/DE]; Industriering, 04626
Schmölln (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WIEDMANN, Wilfried [DE/DE]; Fleis-
chmannplatz 11, 90419 Nürnberg (DE).

(74) HANKE, Hilmar; Postfach 80 09 08, 81609
München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SI SK
TR).

(51)⁷ B65G 11/16, 19/30, E02F 7/06

(11) WO 03/086907 (13) A1

(21) PCT/AU03/00426

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) PS 1625 10 Apr/avr 2002 AU
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CHUTE LINING
• GARNITURE POUR GOULOTTE

(71) METSO MINERALS (AUSTRALIA)
LTD [AU/AU]; Level 2, 1110 Hay Street,
West Perth, W.A. 6005 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANIA, Janusz, Waldemar [AU/AU];
77 Empire Avenue, City Beach, W.A.
6015 (AU). WENZEL, Henryk, Edward
[AU/AU]; 13 O'Leary Place, Redcliffe, W.A.
6104 (AU).

(74) LORD, Kelvin, Ernest; 4 Douro Place, West
Perth, W.A. 6005 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B65G 13/07

(11) WO 03/086908 (13) A1

(21) PCT/US03/11052

(22) 11 Apr/avr 2003 (11.04.2003)

- (25) en (26) en
- (30) 60/372,168 **12 Apr/avr 2002** US
(12.04.2002)
- (30) 60/420,508 **23 Oct/oct 2002** US
(23.10.2002)
- (30) 60/427,305 **18 Nov/nov 2002** US
(18.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TAPE DRIVE CONVEYOR
- CONVOYEUR A BANDE D'ENTRAÎNEMENT
- (71) RAPISTAN SYSTEMS ADVERTISING CORP. [US/US]; 507 Plymouth Avenue NE, Grand Rapids, MI 49505 (US).
- (72) COTTER, David, H.; 5071 Leonard Avenue, N.W., Coopersville, MI 49404 (US). TASMA, Ryan, D.; 10707 Whispering Valley Lane, Middleville, MI 49333 (US).
- (74) VAN DYKE, GARDNER, LINN & BURKHART, LLP; 2851 Charlevoix Drive SE, P.O. Box 888695, Suite 207, Grand Rapids, MI 49588-8695 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ B65G 15/02
- (11) WO 03/086909 (13) A1
- (21) PCT/US03/11058
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/372,075 **12 Apr/avr 2002** US
(12.04.2002)
- (30) 60/389,030 **14 Jun/juin 2002** US
(14.06.2002)
- (30) 60/420,847 **24 Oct/oct 2002** US
(24.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CURVED BELT CONVEYOR
- TRANSPORTEUR A COURROIE IN-CURVE
- (71) RAPISTAN SYSTEMS ADVERTISING CORP. [US/US]; 507 Plymouth Avenue, NE, Grand Rapids, MI 49505 (US).
- (72) COTTER, David, H.; 5071 Leonard Avenue, NW, Coopersville, MI 49404 (US). KOOISTRA, Kenneth, J.; 3050 Rush Creek Drive, Byron Center, MI 49315 (US). PELAK, Thomas, J.; 1106 Westmoor Drive, NW, Grand Rapids, MI 49504 (US). HOISINGTON, Richard, E. II; 22950 Warner, Farmington, MI 48336 (US).
- (74) VAN DYKE, GARDNER, LINN & BURKHART, LLP; VAN DYKE, Daniel; GARDNER, Donald S.; LINN, Terence J.; BURKHART, Frederick S.; COLLINS,

- Catherine S.; GOSKA, Matthew L.; and FLORY, Timothy A., 2851 Charlevoix Drive, SE, P.O. Box 888695, Grand Rapids, (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ B65G 15/34, B29C 70/08, 70/54
- (11) WO 03/086910 (13) A1
- (21) PCT/CH03/00205
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (30) 10/121,380 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONVEYOR BELTING FOR HANDLING BAKERY GOODS AND METHOD OF MANUFACTURE
- TRANSPORTEUR A COURROIE PERMETTANT DE MANIPULER DES ARTICLES DE BOULANGERIE/PÂTISSERIE ET PROCEDE DE FABRICATION ASSOCIE
- (71) HABASIT AG [CH/CH]; Römerstrasse 1, CH-4153 Reinach (CH).
- (72) ZABRON, Florian, S.; 35 Springcreek Drive, Orchard Park, NY 14127 (US). POWERS, Paul, R.; 980 Walther Boulevard, Apt. 1512, Lawrenceville, GA 30043-8449 (US). ATKINS, Ernest, E.; 19004 N. 35th Way, Phoenix, AZ 85050 (US). CEDIEL, Luis, E.; Frohburgstrasse 48, CH-8832 Wollerau (CH). HONOLD, Claudia, S.; Blauensteinerstrasse 17, CH-4053 Basel (CH).
- (74) A. BRAUN BRAUN HERITIER ESCHMANN AG; Holbeinstrasse 36-38, CH-4051 Basel (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B65G 19/02
- (11) WO 03/086911 (13) A1
- (21) PCT/DE03/01218
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) de (26) de
- (30) 202 05 777.1 **13 Apr/avr 2002** DE
(13.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SORTING CONVEYOR FOR ARTICLES HANGING ON HANGERS
- TRANSPORTEUR DE TRIAGE POUR DES MARCHANDISES SUSPENDUES A DES CINTRES
- (71, 72) SÜHLING, Winfried [DE/DE]; A. Delius Weg 1, 33615 Bielefeld (DE). RAMSBROCK, Torsten [DE/DE]; Am Grossen Holz 16, 32107 Bad Salzufflen (DE).
- (74) FROHOFF, Dietmar; Elsa-Brändström-Str. 2, 33602 Bielefeld (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ B65G 33/06, 33/18
- (11) WO 03/086912 (13) A1
- (21) PCT/AU03/00421
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) PS 1607 **8 Apr/avr 2002** AU
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PARTICULATE MATTER CONVEYOR
- TRANSPORTEURS DE MATIERES EN PARTICULES
- (71) FIBRECYCLE PTY LTD [AU/AU]; ACN 051 318 613, PO Box 1136, Mudgeeraba, Queensland 4213 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBB, Donald, Barry [AU/AU]; 16 Alawara Drive, Tallai, Queensland 4213 (AU).
- (74) GRIFFITH HACK; Level 3, 509 St. Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 39/02, 39/18, 21/20, H01L 21/00, B65G 39/07, F16C 13/00

(11) WO 03/086913 (13) A1

(21) PCT/EP03/03738

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 02008526.2 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSPORT ROLLS AND TRANSPORT SYSTEM FOR FLAT PRODUCTS TO BE TRANSPORTED

• ROULEAUX DE TRANSPORT ET SYSTEME DE TRANSPORT POUR DES ARTICLES PLATS A TRANSPORTER

(71) RENA SONDERMASCHINEN GMBH [DE/DE]; Ob der Eck 5, 78148 Gütenbach (DE).

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(72, 75) GUTEKUNST, Jürgen [DE/DE]; Kandelblick 12, 78120 Furtwangen (DE).

(74) STÜRKEN, Joachim; Joachim Stürken Patentanwaltsoges. mbH, Engesserstr. 4a, 79108 Freiburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 39/02, 39/18, 21/20, H01L 21/00, B65G 39/07, F16C 13/00

(11) WO 03/086914 (13) A1

(21) PCT/EP03/03739

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 02008526.2 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOLDING-DOWN DEVICE AND TRANSPORT SYSTEM FOR FLAT PRODUCTS TO BE TRANSPORTED

• ELEMENT DE RETENUE ET SYSTEME DE TRANSPORT POUR DES ARTICLES PLATS A TRANSPORTER

(71) RENA SONDERMASCHINEN GMBH [DE/DE]; Ob der Eck 5, 78148 Gütenbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTEKUNST, Jürgen [DE/DE]; Kandelblick 12, 78120 Furtwangen (DE).

(74) STÜRKEN, Joachim; Joachim Stürken Patentanwaltsoges. mbH, Engesserstr. 4a, 79108 Freiburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 47/26, 47/244

(11) WO 03/086915 (13) A1

(21) PCT/US03/10653

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,975 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARTICLE UNSCRAMBLER WITH TAPERED POLYURETHANE ROLLERS

• POSITIONNEUR D'ARTICLES AVEC ROULEAUX DE POLYURETHANNE CONIQUES

(71) RAPISTAN SYSTEMS ADVERTISING CORP. [US/US]; 507 Plymouth Avenue, N.E., Grand Rapids, MI 49505 (US).

(72) BROUWER, Gerald, A.; 3935 Aaron S.W., Grandville, MI 49418 (US). JOHNSON, James, P.; 7080 Nine Mile Road, Rockford, MI 49341 (US).

(74) COLLINS, Catherine, S. et al. / etc.; Van Dyke, Gardner, Linn & Burkhardt, LLP, Suite 207, 2851 Charlevoix Dr., S.E., P.O.Box 888695, Grand Rapids, MI 49588-8695 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 47/68

(11) WO 03/086916 (13) A1

(21) PCT/FR03/01148

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04592 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONVEYOR UNIT WITH ACCUMULATION OF RECEPTACLES SUCH AS BOTTLES

• UNITE DE CONVOYAGE AVEC ACCUMULATION DE RECIPIENTS, TELLES QUE DES BOUTEILLES

(71) GEBO INDUSTRIES SOCIETE ANONYME [FR/FR]; Z.I. - Rue du Commerce, F-67116 Reichstett (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETROVIC, Zmaj [FR/FR]; 19, rue des Chasseurs, F-67450 Mundolsheim (FR).

(74) RHEIN, Alain; Cabinet Bleger-Rhein, 8, avenue Pierre Mendès France, F-67300 Schiltigheim (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B65G 49/06, H01L 21/68

(11) WO 03/086917 (13) A1

(21) PCT/JP03/04835

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-116581 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTRATE CONVEYING DEVICE

• DISPOSITIF DE TRANSPORT DE SUBSTRAT

(71) OLYMPUS OPTICAL CO., LTD. [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(72) YASUDA, Mamoru; 2, Shinwa-Heights, 1-2-8, Chuocho, Okaya-shi, Nagano 394-0027 (JP). FUJISAKI, Nobuo; 8369-1, Macharaku, Ina-shi, Nagano 396-0112 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR.

(51)⁷ B65G 51/03

(11) WO 03/086918 (13) A1

(21) PCT/EP02/04217

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS AND CONVEYOR FOR TRANSPORTING SUSPENDED CONTAINERS, INSTALLATION AND PROCESS FOR MANUFACTURING AND TRANSPORTING CONTAINERS
- PROCEDE ET CONVOYEUR DESTINE AU TRANSPORT DE CONTENANTS SUSPENDUS ET PROCEDE DE FABRICATION ET DE TRANSPORT DE CONTENANTS
- (71) SCHMALBACH-LUBECA AG [DE/DE]; Kaiserswerther Strasse 115, 40880 Ratingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUXLEY, Colin [GB/GB]; Rose Cottage, Aberoer, Rhosyllen, Wrexham LL14 4LG (GB). JANSEN, Billy [GB/GB]; 109 Charnwood Road, Corby, Northants NN17 1YR (GB).
- (74) MATKOWSKA, Franck; Cabinet Beau de Loménie, 27 bis, rue du Vieux Faubourg, F-59800 Lille (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ B65H
- (11) WO 03/086920 (13) A2
- (21) PCT/US02/27645
- (22) 29 Aug/août 2002 (29.08.2002)
- (25) en (26) en
- (30) 10/121,979 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STORAGE TRAY AND METHOD OF USING SAME
- DISPOSITIF DE RANGEMENT ET PROCEDE D'UTILISATION
- (71) SPECTRUM CONCEPTS, INC. [US/US]; 1911 Palomar Oaks Way, Carlsbad, CA 92008-6511 (US).
- (72) HUNT, Thomas, A.; 7002 Via del Charro, Rancho Santa Fe, CA 92067 (US).
- (74) KLEINKE, Bernard, L.; Foley & Lardner, 402 West Broadway, Suite 2300, San Diego, CA 92101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65G 63/00
- (11) WO 03/086919 (13) A1
- (21) PCT/US03/11242
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/120,032 9 Apr/avr 2002 US (09.04.2002)
- (30) 10/192,738 9 Jul/juil 2002 US (09.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR QUAY CONTAINER CRANE-BASED AUTOMATED OPTICAL CONTAINER CODE RECOGNITION WITH POSITIONAL IDENTIFICATION
- PROCEDE ET APPAREIL DE RECONNAISSANCE OPTIQUE AUTOMATISEE DE CODE DE CONTENEUR AVEC IDENTIFICATION DE POSITION SUR UNE GRUE DE CONTENEUR A QUAI
- (71) PACECO CORP. [US/US]; 3854 Bay Center Place, Hayward, CA 94545 (US).
- (72) TAKEHARA, Toru; 19 del Monte Place, San Mateo, CA 94403 (US). KING, Maxwell, W.; 4026 N. Coral Court, Byron, CA 94514 (US). CHUNG, Chingyei; 50 Austin Avenue, #131, Hayward, CA 94544 (US).
- (74) SMITH, Gregory, Scott et al. / etc.; Gregory Smith & Associates, 3900 Newpark Mall Road, Third Floor, Suite 317, Newark, CA 94560 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65H
- (11) WO 03/086921 (13) A2
- (21) PCT/US03/09602
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 10/117,337 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR SHEET TRANSPORTING USING DUAL CAPSTAN ROLLERS
- SYSTEME ET PROCEDE DE TRANSPORT DE FEUILLE AU MOYEN DE ROULEAUX DOUBLES A CONTRE-CABESTAN
- (71) ECRM INCORPORATED [US/US]; 554 Clark Road, Tewksbury, MA 01876 (US).
- (72) ZEMBKO, Michael, C.; c/o Ecrm, Inc., 554 Clark Road, Tewksbury, MA 01876 (US). BERRIGAN, John, W.; c/o Ecrm, Inc., 554 Clark Road, Tewksbury, MA 01876 (US). CONNOLLY, John, L.; c/o Ecrm, Inc., 554 Clark Road, Tewksbury, MA 01876 (US).
- (74) DISCHER, Gregory, S. et al. / etc.; The Williard Office Building, 1455 Pennsylvania Avenue, NW, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65H 3/06, 3/52, 27/00
- (11) WO 03/086922 (13) A1
- (21) PCT/US03/09034
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 2002-105458 8 Apr/avr 2002 JP (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SHEET FEED APPARATUS, SHEET SEPARATING MEMBER, SHEET FEED ASSEMBLY AND SHEET SEPARATING ASSEMBLY
- APPAREIL D'ALIMENTATION EN FEUILLES, ORGANE DE SEPARATION DE FEUILLES, ENSEMBLE D'ALIMENTATION EN FEUILLES ET ENSEMBLE DE SEPARATION DE FEUILLES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta, Tokyo 146-8501 (JP).
- (72) SANO, Koichi; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KOBAYASHI, Kenichi; 3-30-2, Shimomaruko, Ohta, Tokyo 146-8501 (JP). YUZA, Akira; 3-30-2, Shimomaruko, Ohta, Tokyo 146-8501 (JP). NISHIMURA, Katsuhiko; 3-30-2, Shimomaruko, Ohta, Tokyo 146-8501 (JP).
- (74) HANSON, Karl G., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B65H 9/10

(11) WO 03/086923 (13) A2

(21) PCT/DE03/00672

(22) 28 Feb/fév 2003 (28.02.2003)

(25) de (26) de

(30) 102 16 355.3 13 Apr/avr 2002 DE
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICES FOR ALIGNING SHEETS
AND A METHOD FOR ALIGNING
SHEETS TRANSVERSAL TO THE
DIRECTION OF TRAVEL OF THE
SHEETS

• DISPOSITIF POUR ORIENTER DES
FEUILLES ET PROCEDE POUR
ORIENTER DES FEUILLES TRANS-
VERSALEMENT AU SENS DE DEFI-
LEMENT DES FEUILLES

(71) KOENIG & BAUER AKTIENGE-
SELLSCHAFT [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOLZA-SCHÜNEMANN, Hans-
Bernhard [DE/DE]; Otto-Nagler-Str. 17,
97074 Würzburg (DE).

(74) KOENIG & BAUER AKTIENGE-
SELLSCHAFT; Patente - Lizenzen,
Friedrich-Koenig-Str. 4, 97080 Würzburg
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 23/32

(11) WO 03/086924 (13) A1

(21) PCT/DE03/01217

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 419.3 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE AND METHOD FOR COR-
RECTING A FLEXIBLE MATERIAL
WEB GUIDED TO A PROCESSING
MACHINE

• DISPOSITIF ET PROCEDE POUR REC-
TIFIER UNE BANDE DE MATIERE
SOUPLE CONDUITE VERS LA MA-
CHINE DE TRAITEMENT

(71) KORTEC GMBH-BUSINESS TECH-
NOLOGY [DE/DE]; An der Heide 3b,
67678 Mehlingen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72) RAHN, Roberto; Fliedeweg 12, 67677
Enkenbach-Alsenborn (DE).

(74) JENDRICKE, Susann; Wilhelm-
Leuschner-Strasse 4, 67547 Worms (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : CA EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ B65H 27/00, 20/02

(11) WO 03/086925 (13) A1

(21) PCT/DE03/00997

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 15 938.6 11 Apr/avr 2002 DE
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRACTION DEVICE FOR A WEB OF
FABRIC

• DISPOSITIF DE TRACTION POUR
BANDE DE MATERIAU

(71) KOENIG & BAUER AKTIENGE-
SELLSCHAFT [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MICHALIK, Horst, Bernhard
[DE/DE]; Allerseeweg 22, 97204 Höchberg
(DE). HARTMANN, Manfred, Wolfgang
[DE/DE]; Engenthal 68, 97725 Elfershausen
(DE).

(74) KOENIG & BAUER AKTIENGE-
SELLSCHAFT; Patente - Lizenzen,
Friedrich-Koenig-Str. 4, 97080 Würzburg
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

(51)⁷ B65H 29/00, 39/02, 5/28, 39/14, B42C
19/00, 1/10

(11) WO 03/086926 (13) A1

(21) PCT/CH03/00189

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 654/02 18 Apr/avr 2002 CH
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR FEED-
ING A NUMBER OF FLAT SUBPROD-
UCTS TO A SERIAL SUBSEQUENT
PROCESSING

• PROCEDE ET DISPOSITIF POUR
ACHEMINER A CHAQUE FOIS UNE
PLURALITE DE PRODUITS PARTIELS
PLATS DANS UNE UNITE DE TRAITE-
MENT ULTERIEUR EN SERIE

(71) FERAG AG [CH/CH]; Zürichstrasse 74,
CH-8340 Hinwill (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MÜLLER, Erwin [CH/CH]; Kalchhofen-
strasse 25, CH-8635 Dürnten (CH).

(74) FREIPATENTANWALTSBÜRO; Postfach
768, CH-8029 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B65H 29/00, B31B 19/98

(11) WO 03/086927 (13) A1

(21) PCT/EP03/03810

(22) 12 Apr/avr 2003 (12.04.2003)

(25) de (26) de

(30) 102 17 241.2 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR STORING BAGS

• DISPOSITIF DE STOCKAGE DE SA-
CHETS

(71) OPTIMA FILLING AND PACKAGING
MACHINES GMBH [DE/DE]; Stein-
beisweg 20, 74523 Schwäbisch Hall (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PFEIFER, Georg [DE/DE]; Guten-
bergstrasse 17, 74523 Schwäbisch Hall (DE).
MITTNACHT, Harald [DE/DE]; Schüll-
weg 7, 97999 Igersheim (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER
& PARTNER; Kronenstrasse 30, 70174
Stuttgart (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ B65H 54/42

(11) WO 03/086928 (13) A1

(21) PCT/JP02/03810

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BOBBIN WINDER

• MACHINE A BOBINER

(71) NAKAGOSHI MACHINERY CO., LTD. [JP/JP]; 1-16, Ekinishihonmachi 5-chome, Kanazawa-shi, Ishikawa 920-0025 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERASE, Hiroaki [JP/JP]; c/o Nakagoshi Machinery Co., Ltd., 1-16, Ekinishihonmachi 5-chome, Kanazawa-shi, Ishikawa 920-0025 (JP).

(74) NISHI, Takao; 4-16, Daiwamachi, Kanazawa-shi, Ishikawa 920-0046 (JP).

(81) BG BR CN CO HU ID IN JP KR MX NO PH PL RO SG US UZ VN ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B65H 75/34, 75/48, H04B 1/38, H04M 1/05, 1/15

(11) WO 03/086929 (13) A1

(21) PCT/US02/10801

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CABLE RETRACTOR FOR AN ELECTRONIC DEVICE

• RETRACTEUR DE CABLE POUR DISPOSITIF ELECTRONIQUE

(71, 72) MORRISON, Mark D., [US/US]; 666 West End Avenue, Suite 19J, New York, NY 10025 (US).

(74) SOLOWAY, Norman, P.; Hayes Soloway PC, 175 Canal Street, Manchester, NH 03101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 75/48

(11) WO 03/086930 (13) A1

(21) PCT/SE03/00605

(22) 14 Apr/avr 2003 (14.04.2003)

(25) sv (26) en

(30) 0201132-8 15 Apr/avr 2002 SE (15.04.2002)

(30) 0201133-6 15 Apr/avr 2002 SE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REELING DEVICE AND METHOD OF MANUFACTURING SUCH A DEVICE
• DISPOSITIF D'ENROULEMENT ET PROCEDE DE FABRICATION ASSOCIE

(71) AB P H NEDERMAN & CO [SE/SE]; Sydhamnsgatan 2, S-252 28 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDLUND, Per [SE/SE]; Johan Banérs gata 10, S-254 40 Helsingborg (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B66B

(11) WO 03/086931 (13) A2

(21) PCT/EP03/03686

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 02008371.3 12 Apr/avr 2002 EP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLAT BELT USED IN LIFT TECHNOLOGY

• COURROIE PLATE UTILISEE DANS LA TECHNOLOGIE DES ASCENSEURS

(71) CONTITECH ANTRIEBSSYSTEME GMBH [DE/DE]; Vahrenwalder Strasse 9, 30165 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEDERNA, Christoph [DE/DE]; Fuhrenweg 42D, 31515 Wunstorf (DE).
GÖSER, Hubert [DE/DE]; Schmarsauerstrasse 20, 29451 Dannenberg (DE). HÜLS,

Achim [DE/DE]; Seilerkamp 11A, 30890 Barsinghausen (DE).

(81) CN JP KR US.

(51)⁷ B66B 1/42, 1/14

(11) WO 03/086932 (13) A1

(21) PCT/JP03/04573

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 2002-111100 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DOUBLE DECK ELEVATOR

• ASCENSEUR A DOUBLE CABINE

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJITA, Yoshiaki [JP/JP]; 205, Rekuseru-Mansion-Fuchu, 18-23, Hachimancho 2-chome, Fuchu-shi, Tokyo 183-0016 (JP). OKAMOTO, Masakatsu [JP/JP]; 2-44-13, Hijirigaoka, Tama-shi, Tokyo 206-0022 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR SG US.

(84) EP (DE FI FR GB).

Published / Publiée : (c)

(51)⁷ B66B 1/46

(11) WO 03/086933 (13) A1

(21) PCT/JP03/04843

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113224 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELEVATOR PUSH BUTTON

• BOUTON DE COMMANDE D'ASCENSEUR

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(72) IKEDA, Kyoichi; c/o TOSHIBA ELEVATOR KABUSHIKI KAISHA, 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR SG.

Published / Publiée : (c)

(51)⁷ B66B 3/02

(11) WO 03/086934 (13) A1

(21) PCT/JP02/03691

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELEVATOR DISPLAY SYSTEM AND METHOD

- SYSTEME D’AFFICHAGE POUR ASCENSEUR ET PROCEDE CORRESPONDANT

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUDA, Kazuko [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MIYAWAKI, Masayuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMAZAKI, Fuuta [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). IZUTA, Kazuya [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAKEUCHI, Nobukazu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR SG US.

(51)⁷ B66B 5/00

(11) WO 03/086935 (13) A1

(21) PCT/JP03/04574

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111098 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELEVATOR MAINTENANCE SYSTEM
• SYSTEME DE MAINTENANCE POUR ASCENSEUR

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(72) BUNYA, Masahiro; 2019-1-206, Higashinaganuma, Inagi-shi, Tokyo 206-0802 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR.

(51)⁷ B66B 9/08

(11) WO 03/086936 (13) A1

(21) PCT/NL03/00282

(22) 14 Apr/avr 2003 (14.04.2003)

(25) nl (26) en

(30) 1020372 12 Apr/avr 2002 NL (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GUIDE RAIL FOR STAIR LIFT

- GLISSIERE DE GUIDAGE POUR ASCENSEUR D’ESCALIER

(71) FREELIFT B.V. [NL/NL]; Newtonstraat 35, NL-1704 Heerhugowaard (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VROEGINDEWELJ, Dennis [NL/NL]; Mary Zeldenruststraat 39, NL-2135 JL Hoofddorp (NL).

(74) GROOTSCHOLTEN, Johannes, Antonius, Maria; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B66B 11/08

(11) WO 03/086937 (13) A1

(21) PCT/FR03/00236

(22) 24 Jan/jan 2003 (24.01.2003)

(25) fr (26) fr

(30) 02/15195 3 Dec/déc 2002 FR (03.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRIVING GRIP DEVICE IN ELEVATOR INSTALLATIONS PROVIDED WITH INDEPENDENT DRIVE AND SUSPENSION MEANS

- DISPOSITIF D’ADHÉRENCE DE L’ENTRAÎNEMENT DANS LES INSTALLATIONS D’ASCENSEUR POURVUES DE MOYENS D’ENTRAÎNEMENT ET DE SUSPENSIONS INDÉPENDANTS

(71, 72) ARNOULT, Serge [FR/FR]; Chemin du Marquis, F-07300 Tournon Sur Rhone (FR). HAUTESERRES, Bernard [FR/FR]; 16, Lotissement des Prairies, F-07300 Saint Jean de Muzols (FR).

(74) CABINET JOLLY; 54, rue de Clichy, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B66B 13/30

(11) WO 03/086938 (13) A1

(21) PCT/JP02/03774

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LANDING STAGE DOOR OF ELEVATOR

- PORTE PALIERE D’ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Toshiya [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NISHIMURA, Nobuhiro [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B66B 13/30

(11) WO 03/086939 (13) A1

(21) PCT/JP03/04657

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-111196 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELEVATOR

- ASCENSEUR

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(72) MURAKAMI, Shin; 189-2, Green Hill Terada, 432, Terada-machi, Hachioji-shi, Tokyo 193-0943 (JP). TOGASHI, Norihito; 7-43-47, Tomioka-nishi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052 (JP). ITO, Hisato; 6-941-15, Asahigaoka, Kiyose-shi, Tokyo 204-0002 (JP). UCHIBORI, Katsuyoshi; 850-9, Nakazato 4-chome, Kiyose-shi, Tokyo 204-0003 (JP). MIZUNO, Sueyoshi; 27-25, Minami-cho 2-chome, Fuchu-shi, Tokyo 183-0026 (JP). SHUDO, Tadashi; 15-10-607, Senzui 3-chome, Asaka-shi, Saitama 351-0024 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR.

(51)⁷ B66C 13/54

(11) WO 03/086940 (13) A1

(21) PCT/SE03/00645

(22) 22 Apr/avr 2003 (22.04.2003)

(25) sv (26) en

(30) 0201175-7 18 Apr/avr 2002 SE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A HOLDING UNIT RELATED TO A CRANE ARRANGEMENT

- UNITE DE SUPPORT ASSOCIEE A UN AGENCEMENT DE GRUE

(71) JONSERED CRANES AB [SE/SE]; Granebovägen 6, S-824 83 Hudiksvall (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLMBERG, Lars, Erne [SE/SE]; Malsta 102, S-824 94 Hudiksvall (SE).

(74) KARLSSON, Leif et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B66C 13/54, B60N 2/38

(11) WO 03/086941 (13) A1

(21) PCT/SE03/00646

(22) 22 Apr/avr 2003 (22.04.2003)

(25) sv (26) en

(30) 0201174-0 18 Apr/avr 2002 SE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A MANOEUVRING SEAT RELATED TO A CRANE ARRANGEMENT

• SIEGE DE MANOEUVRE ASSOCIE A UN DISPOSITIF DE GRUE

(71) JONSERED CRANES AB [SE/SE]; Granebovägen 6, S-824 83 Hudiksvall (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLMBERG, Lars, Erne [SE/SE]; Malsta 102, S-824 94 Hudiksvall (SE).

(74) KARLSSON, Leif, Groth & CO. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B66F

(11) WO 03/086942 (13) A2

(21) PCT/US03/11236

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/123,083 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR SYNCHRONIZING A VEHICLE LIFT
• PROCEDE ET APPAREIL DE SYNCHRONISATION D'UN ELEVATEUR DE VEHICULES

(71) DELAWARE CAPITAL FORMATION, INC. [US/US]; 1403 Faulk Road, Suite 102, Wilmington, DE 19803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREEN, Steven, D. [US/US]; 2700 Lanier Drive, Madison, IN 47150 (US).
PORTER, David, P. [US/US]; 2700 Lanier Drive, Madison, IN 47250 (US).

(74) ACHESON, Edwin, R. et al. / etc.; Frost Brown Todd LLC, 2200 PNC Center, 201 East Fifth Street, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B66F 9/12

(11) WO 03/086943 (13) A1

(21) PCT/US03/10486

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/116,470 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DOOR ATTACHING APPARATUS
• APPAREIL DE FIXATION DE PORTE

(71) YOUNG, Roland, O. [US/US]; 5950 E. Lake Drive, Grand Forks, ND 58201 (US).

(74) KLEVE, Robert, E.; 1103 24th Avenue S., Grand Forks, ND 58201 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG US UZ VN YU ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B66F 9/24

(11) WO 03/086944 (13) A1

(21) PCT/NL03/00280

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 1020371 11 Apr/avr 2002 NL (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRICALLY DRIVEN FORK LIFT TRUCK
• CHARIOT ELEVATEUR A FOURCHE A COMMANDE ELECTRIQUE

(71) AB SKF [SE/SE]; Hornsgatan 1, S-415 50 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DER KAMP, Johannes, Haaye [NL/NL]; Deken Botstraat 24, NL-5046 KB Tilburg (NL). DUTS, Johannes, Adrianus, Maria [NL/NL]; Zuwe 50, NL-2411 ZK Bodegraven (NL). TUMMERS, Edwin, Henry [NL/NL]; Veldhuizerbrink, NL-6712 BZ Ede (NL). RIETVELD, Adrianus [NL/NL]; Dahlistraat 14, NL-3434 HB Nieuwegein (NL). LANGER, Susan [US/US]; 1510 Gehman Road, Kulpssville, PA 19443 (US). SCHMIDT, Klemens [DE/DE]; Hauptstrasse 4, 97218 Gerbrunn (DE). GRATIER, Jean-Pierre [FR/FR]; Transrol SKF, 148, rue Felix Exclangon, F-73024 Chambéry Cedex (FR). HUDE, Pascal [FR/FR]; 5, rue André Theuriet, F-74000 Annecy (FR). JOHANSSON, Mats [SE/SE]; Systor Estrids Gata 7, S-41325

- Göteborg (SE). VAN DER HAM, Andreas, Clemens [NL/NL]; Poortwacht 99, NL-2353 EC Leiderdorp (NL). VAN HETEREN, Corwin, Albertus [NL/NL]; Bladstraat 9, NL-3572 HT Utrecht (NL). BENOIT, Laurent [FR/FR]; Les Vergillod - Lot. La Fruitière, F-73800 La Chavanne (FR).
- (74) VAN WESTENBRUGGE, Andries; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67B
- (11) WO 03/086945 (13) A2
- (21) PCT/DK03/00241
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) PA 2002 00536 10 Apr/avr 2002 DK (10.04.2002)
- (30) PA 2002 01289 2 Sep/sep 2002 DK (02.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TUBE WITH SELF-CLOSING MECHANISM FOR LIQUID CONTAINER
- TUBE A MECANISME AUTO-OBTURATEUR POUR UN RECIPIENT DE LIQUIDE
- (71) DISOP-NORDIC HOLDING APS [DK/DK]; Siriusvej 13, DK-8370 Hadsten (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSEN, Thorkild [DK/DK]; Siriusvej 13, DK-8370 Hadsten (DK).
- (74) AWAPATENT A/S; Teghlholm Allé 13, DK-2450 Copenhagen SV (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67B 7/00
- (11) WO 03/086947 (13) A1
- (21) PCT/US03/09589
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 10/118,747 9 Apr/avr 2002 US (09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DISPENSING SYSTEM
- SYSTEME DE DISTRIBUTION
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
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- (51)⁷ B67B
- (11) WO 03/086946 (13) A2
- (21) PCT/US03/10286
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 10/119,451 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ADJUSTABLE HOSE END SPRAYER NOZZLE
- AJUTAGE DE PULVERISATION D'EXTREMITE DE TUYAU FLEXIBLE REGLABLE
- (71) CONTINENTAL AFA DISPENSING COMPANY [US/US]; 27 Guenther Boulevard, St. Peters, MO 63376 (US).
- (72) FOSTER, Donald, D.; 14 Upper Dardenne, St. Charles, MO 63304 (US). NELSON, Philip, L.; 9 Kingstowne Estate Court, Wildwood, MO 63011 (US). STARK, Jeffrey, P.; 14 Winding Stair Way, O'Fallon, MO 63366 (US).
- (74) ROLNICKI, Joseph, M.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67B 7/04
- (11) WO 03/086948 (13) A1
- (21) PCT/CH03/00238
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) de (26) de
- (30) 617/02 12 Apr/avr 2002 CH (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CORK SCREW PROVIDED WITH A CAP CUTTER WHICH CAN BE INSERTED INTO THE HANDLE
- TIRE-BOUCHON AVEC COUPE-CAP-SULE INSERABLE DANS LA POIGNEE
- (71) HEFTITEC SA [CH/CH]; Al Bosco, CH-6516 Cugnasco (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEFTI, Rolf [CH/CH]; Al Bosco, CH-6516 Cugnasco (CH). RUFFNER, Walter [CH/CH]; Kanalstrasse 470, CH-7304 Maienfeld (CH).
- (74) WALDER, Martin, B. et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestasstrasse 8, CH-7310 Bad Ragaz (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67D
- (11) WO 03/086949 (13) A2
- (21) PCT/US03/11056

- (22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 60/372,123 12 Apr/avr 2002 US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPLICATOR AND NOZZLE FOR DISPENSING CONTROLLED PATTERNS OF LIQUID MATERIAL
• APPLICATEUR ET BUSE PERMETTANT DE DISTRIBUER DES MOTIFS CONTROLES DE MATERIAU LIQUIDE
- (71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOGER, Bentley, J. [US/US]; 9225 Huntcliff Trace, Atlanta, GA 30350 (US).
SAINE, Joel, E. [US/US]; 625 Buckhorn Tavern Road, Dahlonega, GA 30533 (US).
- (74) ROONEY, Kevin, G. et al. / etc.; WOOD, HERRON & EVANS, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67D 1/00, 5/62, A23L 3/22, 2/46
(11) WO 03/086950 (13) A2
(21) PCT/EP03/01128
(22) 5 Feb/fév 2003 (05.02.2003)
(25) de (26) de
(30) 102 17 448.2 18 Apr/avr 2002 DE
(18.04.2002)
(30) 102 43 259.7 17 Sep/sep 2002 DE
(17.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DISPENSER FOR LIQUID FOOD-STUFFS
• DISTRIBUTEUR DE DENREES ALIMENTAIRES LIQUIDES
- (71, 72) FÖRSTER, Martin [DE/DE]; Gerwigstrasse 25, 78234 Engen (DE).
- (74) WEISS, Peter; 4, Zeppelinstrasse, 78234 Engen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B67D 3/04
(11) WO 03/086951 (13) A1
(21) PCT/GB03/01490
(22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 0208080.2 8 Apr/avr 2002 GB
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LIQUID CONTAINER AND VALVE ASSEMBLY THEREFOR
• CONTENANT POUR LIQUIDE ET ENSEMBLE SOUPAPE ASSOCIE
- (71) JACKEL INTERNATIONAL LIMITED [GB/GB]; Dudley lane, Cramlington, Northumberland NE23 7RH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBB, Ian [GB/GB]; 13-14 Junction Mews, London W2 1PN (GB).
ARMSTRONG, Mark [GB/GB]; Flat 3, 133A Newington Green Road, Islington, London N1 4RA (GB).
- (74) LERWILL, John et al. / etc.; A.A. Thornton & Co., 235 Hihg Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67D 5/33
(11) WO 03/086952 (13) A1
(21) PCT/GB03/01452
(22) 2 Apr/avr 2003 (02.04.2003)
(25) en (26) en
(30) 0208099.2 9 Apr/avr 2002 GB
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FLUID DELIVERY APPARATUS
• APPAREIL A DEBITER DES FLUIDES
- (71) SYLTONE PLC [GB/GB]; Springmill Street, Bradford, West Yorkshire BD5 7HW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POULTER, Trevor [GB/GB]; Springmill Street, Bradford, West Yorkshire BD5 7HW (GB).
- (74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ B67D 5/64
(11) WO 03/086953 (13) A1
(21) PCT/US03/11464
(22) 14 Apr/avr 2003 (14.04.2003)
(25) en (26) en
(30) 20205819.0 12 Apr/avr 2002 DE
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INSTALLATION FOR MAKING AVAILABLE HIGHLY PURE FINE CHEMICALS
• INSTALLATION PERMETTANT DE FOURNIR DES PRODUITS CHIMIQUES FINS A PURETE ELEVEE
- (71) KINETICS GERMANY GMBH [DE/DE]; Am Dillhof 5, 63863 Eschau-Hobbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAVES, Todd, [US/US]; 16013 South Desert, Foothills Parkways, Apt. 2005, Phoenix, AZ 85048 (US).
VONDRAN, Martin [DE/DE]; Schillerstrasse 1, 63811 Stockstadt (DE).
BENZINGER, Martin [DE/DE]; Viernheimer Web 1b, 64720 Michelstadt (DE).
- (74) SKRIVANEK, Robert, A., Jr.; Lowrie, Lando & Anastasi, LLP, One Main Street, Ste 11, Cambridge, MA 02142 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B81B 3/00, G02B 6/26
(11) WO 03/086954 (13) A1
(21) PCT/SG02/00051
(22) 30 Mar/mar 2002 (30.03.2002)
(25) en (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MICROMACHINED TORSIONAL MIRROR UNIT FOR OPTICAL SWITCHING AND FABRICATION METHOD THEREFOR

- UNITE DE MIROIR A ROTATION MICRO-USINE POUR COMMUTATION OPTIQUE ET SON PROCEDE DE FABRICATION
- (71) SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY [SG/SG]; 71 Nanyang Drive, Singapore 638075 (SG). UNIVERSITY OF NEUCHÂTEL [CH/CH]; 26 avenue du 1er Mars, CH-2000 Neuchâtel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Zhenfeng [SG/SG]; Block 412, Jurong West Street 42, #04-857, Singapore 640412 (SG). SHAN, Xuechuan [CN/SG]; 35, Jurong East Avenue 1, #09-01, Singapore 609774 (SG). WANG, Zhiping [CN/SG]; Block 336, Bukit Batok Street 32, #06-311, Singapore 650336 (SG). DE ROOIJ, Nicolaas, F. [DK/CH]; Rue des Croix 15, CH-2014 Bole (CH). NOELL, Wilfried [DE/CH]; Rue de l'Orangerie 2, CH-2000 Neuchâtel (CH).
- (74) AXIS INTELLECTUAL CAPITAL PTE LTD.; 21A Duxton Road, Singapore 089487 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B81B 7/00, G02B 26/08
- (11) WO 03/086955 (13) A1
- (21) PCT/EP02/04122
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR OPERATING A MICROMECHANICAL ELEMENT
- PROCEDE ET DISPOSITIF POUR LE FONCTIONNEMENT D'UN ELEMENT MICROMECANIQUE
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE). MICRONIC LASER SYSTEMS AB [SE/SE]; P.O. Box 3141, 183 03 Täby (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAUDERSTÄDT, Ulrike [DE/DE]; Förstereistr. 13 d, 01099 Dresden (DE). LEONARDSSON, Lars [SE/SE]; Vasseurs väg 30, S-182 39 Danderyd (SE).
- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, P.O. Box 246, 82043 Pullach b. München (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ B81B 7/00
- (11) WO 03/086956 (13) A2
- (21) PCT/EP03/02756
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) de (26) de
- (30) 102 16 267.0 12 Apr/avr 2002 DE (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCING A HOUSING FOR A CHIP HAVING A MICROMECHANICAL STRUCTURE
- PROCEDE POUR LA PRODUCTION D'UN BOITIER DESTINE A UNE PUCE A STRUCTURE MICROMECANIQUE
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAECHE, Frank [DE/DE]; Josef-Brückl-Str. 96, 81825 München (DE). TIMME, Hans-Jörg [DE/DE]; Putzbrunner Str. 90, 85521 Ottobrunn (DE).
- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B81B 7/00
- (11) WO 03/086957 (13) A1
- (21) PCT/FR03/01012
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) fr (26) fr
- (30) 02/04628 12 Apr/avr 2002 FR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR THE PRODUCTION OF A MICROSTRUCTURE COMPRISING A VACUUM CAVITY AND MICROSTRUCTURE
- PROCEDE DE FABRICATION D'UNE MICROSTRUCTURE COMPORTANT UNE CAVITE SOUS VIDE ET MICROSTRUCTURE
- (71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEFORT, Pierre-Olivier [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). THOMAS, Isabelle [FR/FR]; 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR).
- (74) GUERIN, Michel et al. / etc.; Thales Intellectual Property, 31-33 avenue Aristide Briand, F-94117 Arcueil cedex (FR).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

- (51)⁷ B81C 1/00
- (11) WO 03/086958 (13) A2
- (21) PCT/EP03/03873
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) de (26) de
- (30) 202 05 830.1 15 Apr/avr 2002 DE (15.04.2002)
- (30) 102 22 958.9 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 964.3 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 609.1 23 May/mai 2002 DE (23.05.2002)
- (30) 102 52 787.3 13 Nov/nov 2002 DE (13.11.2002)
- (30) 103 01 559.0 16 Jan/jan 2003 DE (16.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCING A PRODUCT HAVING A STRUCTURED SURFACE
- PROCEDE DE PRODUCTION D'UN ARTICLE A SURFACE STRUCTUREE
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)
- (71) CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) CARL-ZEISS STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) BIECK, Florian [DE/DE]; Darwinstrasse 7A, 01109 Dresden (DE). LEIB, Jürgen [DE/DE]; Philipp-Dirr-Strasse 44, 85354 Freising (DE). MUND, Dietrich [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE).
- (74) HERDEN, Andreas; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B81C 1/00

(11) WO 03/086959 (13) A2

(21) PCT/EP03/03990

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 089.4 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSFER METHOD FOR THE PRODUCTION OF MICROSTRUCTURED SUBSTRATES

• PROCEDE DE TRANSFERT DESTINE A LA FABRICATION DE SUBSTRATS MICROSTRUCTURES

(71) INSTITUT FÜR NEUE MATERIALIEN GEMEINNÜTZIGE GMBH [DE/DE]; Im Stadtwald, Gebäude 43, 66123 Saarbrücken (DE).
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(72, 75) GIER, Andreas [DE/DE]; Brückenstr. 3, 66564 Ottweiler (DE). MENNIG, Martin [DE/DE]; Mittelstr. 5, 66287 Quirschied (DE). OLIVEIRA, Peter, W. [DE/DE]; Nauwieser Str. 40, 66111 Saarbrücken (DE). SCHMIDT, Helmut [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken-Güdingen (DE).

(74) BARZ, Peter; Patentanwalt, Kaiserplatz 2, 80803 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B81C 1/00, B01L 3/00, C08J 7/18

(11) WO 03/086960 (13) A1

(21) PCT/SE03/00560

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0201086-6 9 Apr/avr 2002 SE
(09.04.2002)(30) 60/371,080 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MICROFLUIDIC DEVICES WITH NEW INNER SURFACES

• DISPOSITIFS MICROFLUIDIQUES DOTES DE NOUVELLES SURFACES INTERNES

(71) GYROS AB [SE/SE]; Uppsala Science Park, S-751 83 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DERAND, Helene [SE/SE]; Enstavägen 33, S-187 35 Täby (SE). JERNSTRÖM, Frida [SE/SE]; Eskilsgatan 4B, S-753 28 Uppsala (SE).

(74) BERGANDER, Håkan; Gyros AB, Uppsala Science Park, S-751 83 Uppsala (SE).

(81) AU CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C01B

(11) WO 03/086961 (13) A2

(21) PCT/US03/10412

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,576 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PROVIDING NANO-STRUCTURES OF UNIFORM LENGTH

• PROCEDE PERMETTANT DE FOURNIR DES NANOSTRUCTURES DE LONGUEUR UNIFORME

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRENCH, Roger, Harquail [US/US]; 1516 Athens Road, Wilmington, DE 19803 (US). GIERKE, Timothy [US/US]; 2405 Granby Road, Chalfonte, DE 19810 (US). HARMER, Mark, Andrew [GB/US]; 29 Southridge Drive, Kennett Square, PA 19348 (US). HIETPAS, Paula, Beyer [US/US]; 313 Amoroso Way, Newark, DE 19711 (US). JAGOTA, Anand [US/US]; 700 Ashford Road, Wilmington, DE 19803 (US). LUSTIG, Steven, Raymond [US/US]; 1029 St. George's Lane, Landenberg, PA 19350 (US). MEHTA, Rakesh [IN/US]; 202 Cherry Blossom Place, Hockessin, DE 19707 (US). ONOA, Bibiana [CO/US]; 1214 Riverside Drive, Wilmington, DE 19809 (US).

(74) FELTHAM, S., Neil; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C01B 3/00

(11) WO 03/086962 (13) A2

(21) PCT/JP03/03236

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 2002-115897 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL REFORMING SYSTEM AND WARMUP METHOD THEREOF

• SYSTEME DE REFORMAGE DE COMBUSTIBLE ET PROCEDE DE RECHAUFFAGE ASSOCIE

(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAGUCHI, Koichi [JP/JP]; 685-1-201, Toriyama-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0035 (JP). IIO, Masatoshi [JP/JP]; 2-92-210, Urugou-cho, Yokosuka-shi, Kanagawa 237-0062 (JP). IZUMI, Takao [JP/US];

75, Hockanum Boulevard #313, Vernon, CT 06066 (US).

(74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C01B 3/04, 3/32, C07B 41/06, 61/00, C07C 45/29, 49/08

(11) WO 03/086963 (13) A1

(21) PCT/JP03/04471

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-111176 12 Apr/avr 2002 JP
(12.04.2002)(30) 2002-111177 12 Apr/avr 2002 JP
(12.04.2002)(30) 2002-229796 7 Aug/août 2002 JP
(07.08.2002)(30) 2002-229797 7 Aug/août 2002 JP
(07.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PRODUCTION OF HYDROGEN AND CARBONYL COMPOUNDS BY REACTING SUB- OR SUPER-CRITICAL WATER WITH ALCOHOLS

• PROCEDE DE FABRICATION DE COMPOSES A BASE D'HYDROGENE ET DE CARBONYLE PAR LA REACTION D'EAU SOUS- OU SUPERCRITIQUE AVEC DES ALCOOLS

(71) SUNTORY LIMITED [JP/JP]; 1-40, Dojima-hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP). JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAHARA, Koichi [JP/JP]; 4-B205, Higashiizumigaoka 3-chome, Toyonaka-shi, Osaka 560-0861 (JP). NAGAMI, Kenzo [JP/JP]; 8-12, Mikunihonmachi 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0005 (JP). KAJIMOTO, Okitsugu [JP/JP]; 1-37, Senrien 2-chome, Toyonaka-shi, Osaka 560-0046 (JP). KOBIRO, Kazuya [JP/JP]; 4-2, Azounokitamachi 3-chome, Kochi-shi, Kochi 780-0010 (JP).

(74) KUSAMA, Osamu; KUSAMA PATENT OFFICE, 7F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) US.

(84) EP (DE FR GB).

(51)⁷ C01B 3/26

(11) WO 03/086964 (13) A1

(21) PCT/US03/10943

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/372,258 12 Apr/avr 2002 US
(12.04.2002)(30) 10/407,500 4 Apr/avr 2003 US
(04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STEAM REFORMING FUEL PROCESSOR

- DISPOSITIF DE TRANSFORMATION DE COMBUSTIBLE PAR VAPOREFORMAGE

(71) IDATECH, LLC [US/US]; 63160 Britta Street, Bend, OR 97701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDLUND, David, J. [US/US]; 1698 Davenport, Bend, OR 97701 (US). LAVEN, Arne [US/US]; 2542 NE Keates, Bend, OR 97701 (US). MACE, Timothy, G. [US/US]; 62560 Eagle Road, Bend, OR 97701 (US). PLEDGER, William, A. [US/US]; 69222 Harness, Sisters, OR 97759 (US). STUDEBAKER, R., Todd [US/US]; 23102 Lariat Lane, Bend, OR 97701 (US). WAMBAUGH, Douglas, J. [US/US]; 1100 NW Knoxville Court, Bend, OR 97701 (US).

(74) D'ASCENZO, David, S.; Kolisch Hartwell, P.C., 520 SW Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN (Utility model / modèle d'utilité) CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP (Utility model / modèle d'utilité) KE KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C01B 3/52, 3/50, 3/56, 31/18, B01D 53/14, 53/26, F25J 3/02

(11) WO 03/086965 (13) A1

(21) PCT/FR03/01174

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04681 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND INSTALLATION FOR SEPARATING A MIXTURE OF HYDROGEN AND CARBON MONOXIDE

- PROCEDE ET INSTALLATION DE SEPARATION D'UN MELANGE D'HYDROGENE ET DE MONOXYDE DE CARBONE

(71) L'AIR LIQUIDE, SOCIÉTÉ ANONYME À DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUMONT, Eric [FR/FR]; 14, place Henri d'Astier, F-94220 Charenton-Le-Pont (FR). HERNANDEZ, Antoine [FR/FR]; 106, rue de l'Avenir, F-94380 Bonneuil-sur-Marne (FR).

(74) MERCEY, Fiona et al. / etc.; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C01B 13/11

(11) WO 03/086966 (13) A1

(21) PCT/SE03/00552

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201026-2 5 Apr/avr 2002 SE (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD AND DEVICE AT AN OZONE GENERATOR UNIT

- PROCEDE ET DISPOSITIF UTILISES AVEC UNE UNITE DE PRODUCTION D'OZONE

(71) VATRELLA AB [SE/SE]; Hanselligatan 6, S-654 50 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARLEMARK, Jan [SE/SE]; Vikensvägen 73 B, S-236 41 Höllviken (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 17/04

(11) WO 03/086967 (13) A2

(21) PCT/FR03/01068

(22) 4 Apr/avr 2003 (04.04.2003)

(25) fr (26) fr

(30) 02/04680 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CONTROLLING THE PARTIAL OXIDATION OF A GAS CONTAINING HYDROGEN SULFIDE WITH THE AID OF AIR AND OXYGEN

- PROCEDE DE CONTROLE DE L'OXYDATION PARTIELLE D'UN GAZ COMPRENANT DU SULFURE D'HYDROGENE A L'AIDE D'AIR ET D'OXYGENE

(71) L'AIR LIQUIDE, SOCIÉTÉ ANONYME À DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE [FR/FR]; 75 quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BINOIST, Manuel [FR/FR]; 41, rue de l'Eglise, F-75015 Paris (FR). MAJJAD, Rachid [FR/FR]; 10, rue de la Sourderie, F-78180 Montigny le Bretonneux (FR).

(74) DUCREUX, Marie et al. / etc.; L'Air Liquide, SA, Direction de la Propriété Intellectuelle, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 31/02

(11) WO 03/086968 (13) A1

(21) PCT/CN03/00195

(22) 17 Mar/mar 2003 (17.03.2003)

(25) zh (26) zh

(30) 02 1 11337.8 12 Apr/avr 2002 CN (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THE CONTROL METHOD OF ARRANGING CARBON NANOTUBES SELECTIVELY ORIENTATIONALLY ON THE SURFACE OF A SUBSTRATE

- PROCEDE D'ARRANGEMENT DE NANOTUBES DE CARBONE ORIENTES SELECTIVEMENT SUR LA SURFACE D'UN SUBSTRAT

(71) SHANG HAI JIAO TONG UNIVERSITY [CN/CN]; 1954 Hua Shan Road, Shanghai 200030 (CN).

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(72, 75) ZHANG, Yafei [CN/CN]; 1954 Hua Shan Road, Shanghai 200030 (CN). GUO, Yinzong [CN/CN]; 1954 Hua Shan Road, Shanghai 200030 (CN). XU, Dong [CN/CN];

1954 Hua Shan Road, Shanghai 200030 (CN).

(74) **SHANGHAI ZHI XIN PATENT AGENT LTD.**; 10F, Italy Building, 446 Zhao Jia Bang Road, Shanghai 200031 (CN).

(81) AU CA IN JP KR RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU CA IN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : AU CA IN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); (u) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C01B 31/02

(11) WO 03/086969 (13) A1

(21) PCT/US03/10940

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,753 8 Apr/avr 2002 US (08.04.2002)

(30) 60/390,176 20 Jun/juin 2002 US (20.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CUTTING SINGLE-WALL CARBON NANOTUBES THROUGH FLUORINATION

• PROCEDE DE COUPE DE NANOTUBES DE CARBONE A PAROI SIMPLE PAR FLUORINATION

(71) **WILLIAM MARSH RICE UNIVERSITY** [US/US]; 6100 Main Street, Houston, TX 77005 (US).

(72) **MARGRAVE, John, L.**; 4511 Verone, Ballaire, TX 77041 (US). **GU, Zhenning**; 4045 Linkwood Drive, Apt. 618, Houston, TX 77025 (US). **HAUGE, Robert, H.**; 4031 Turnberry Circle, Houston, TX 77025 (US). **SMALLEY, Richard, E.**; 1816 Bolsover Street, Houston, TX 77005 (US).

(74) **GARSSON, Ross, Spencer et al.** / etc.; Winstead Sechrest & Minick P.C., P.O. Box 50784, 1201 Main Street, Dallas, TX 75250-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C01B 31/06

(11) WO 03/086970 (13) A1

(21) PCT/BY03/00004

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ru (26) ru

(30) a 20020330 18 Apr/avr 2002 BY (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING DIAMOND-CONTAINING SYNTHETIC MATERIALS

• PROCEDE DE FABRICATION DE MATERIAUX SYNTHETIQUES CONTENANT DES DIAMANTS

(71) **NAUCHNO-PROIZVODSTVENNOE ZAKRYTOE AKTSIONERNOE OBSHESTVO "SINTA"** [BY/BY]; 2-i pereulok Montazhnikov, 4, Minsk, 220136 (BY).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KORJENEVSKY, Aleksandr Pavlovich** [BY/BY]; ul. Slavinskogo, 7-70, Minsk, 220086 (BY). **GUBAREVICH, Tatiana Mikhailovna** [BY/BY]; ul. Sukharevskaya, 17-24, Minsk, 220019 (BY).

(74) **SAMTSOV, Valery Pavlovich**; a/ya 500, Minsk, 220131 (BY).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 31/06, 21/064, B24D 3/00, B01J 3/06

(11) WO 03/086971 (13) A1

(21) PCT/EA03/00002

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ru (26) ru

(30) 200200576 18 Apr/avr 2002 EA (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR SYNTHESISING SUPERHARD MATERIALS

• PROCEDE DE SYNTHESE DE MATERIAUX SUPERDURS

(71, 72) **STARHENKO, Igor Michailovich** [BY/BY]; ul. Olshevskogo, 95-8, Minsk, 220104 (BY).

(74) **VINOGRADOV, Sergey Gennadievich**; a/ya 114, Minsk, 220029 (BY).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C01D 3/04, 3/06, 3/10

(11) WO 03/086972 (13) A1

(21) PCT/US03/10424

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,293 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING A HALIDE BRINE

• PROCEDE DE PRODUCTION D'UNE SAUMURE D'HALOGENURE

(71) **TETRA TECHNOLOGIES, INC.** [US/US]; 25025 I-45 North, The Woodlands, TX 77380 (US).

(72) **SYMENS, Raymond, D.**; 14 Forge Hill Place, The Woodlands, Texas 77381 (US). **HOWARD, Lyle, H.**; 1002 Wingate Dr., West Memphis, AR 72301 (US). **MISHRA, Surendra**; 7 Gold Thread Court, The Woodlands, TX 77381 (US). **POLKINGHORN, Thomas, William**; 119 Rush Haven Dr., The Woodlands, TX 77381 (US).

(74) **D'AMBROSIO, Jo, Katherine**; D'Ambrosio & Associates, PLLC, Suite 930, 2925 Briar Park, Houston, TX 77042 (US).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01F 5/24, C01B 31/24, A61K 33/10

(11) WO 03/086973 (13) A1

(21) PCT/AU03/00417

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) PS 1568 5 Apr/avr 2002 AU (05.04.2002)

(30) 2002950860 19 Aug/août 2002 AU (19.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS AND APPARATUS FOR USE IN PREPARING AN AQUEOUS MAGNESIUM BICARBONATE SOLUTION

• PROCEDE ET APPAREIL DESTINE A ETRE UTILISE POUR PREPARER UNE SOLUTION DE BICARBONATE DE MAGNESIUM AQUEUSE

(71) **BERTSHELL PTY LTD** [AU/AU]; 45-47 Alexander Avenue, Taren Point, NSW 2229

- (AU). **MACQUARIE VETERINARY SUPPLIES PTY LTD** [AU/AU]; 4 Charlotte Street, Red Hill, ACT 2603 (AU).
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- (72, 75) **SHELLEY, Arthur** [AU/AU]; 45-47 Alexander Avenue, Taren Point, NSW 2229 (AU). **SHELLEY, Dennis** [AU/AU]; 45-47 Alexander Avenue, Taren Point, NSW 2229 (AU). **BECKETT, Russell, John** [AU/AU]; 4 Charlotte Street, Red Hill, ACT 2603 (AU).
- (74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C01G 37/00, 37/033, 1/02, C04B 35/12**
- (11) **WO 03/086974** (13) A1
- (21) PCT/US03/10605
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 10/118,133 **8 Apr/avr 2002 (08.04.2002)** US
- (30) 10/234,422 **3 Sep/sep 2002 (03.09.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **CHROMIA SPRAY POWDERS AND A PROCESS FOR MAKING THE SAME**
• **POUDRES DE PULVERISATION CHROME-ALUMINE ET PROCEDE DE FABRICATION DE CELLES-CI**
- (71) **SAINT-GOBAIN CERAMICS & PLASTICS, INC.** [US/US]; 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YU, Sung, H.** [US/US]; 50 Commons Drive, Apartment 9, Shrewsbury, MA 01545 (US). **WALLAR, Howard** [US/US]; P.O. Box 60695, Worcester, MA 01606 (US).
- (74) **BUJOLD, Michael, J.**; Davis & Bujold, P.L.L.C., Fourth Floor, 500 North Commercial Street, Manchester, NH 03101 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C01G 51/04, 53/04, H01M 4/52**
- (11) **WO 03/086975** (13) A1
- (21) PCT/IN02/00102
- (22) **8 Apr/avr 2002 (08.04.2002)**
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **PROCESS FOR PREPARING CATHODE MATERIAL FOR LITHIUM BATTERIES**
• **PROCEDE DE PREPARATION DE MATERIAU POUR CATHODES DE PILES AU LITHIUM**
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **RAMASAMY, Chandrasekaran**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). **THIAGARAJAN, Vasudevan**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). **ARIYANAN, Mani**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). **RAMAIYER, Gangadharan**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN).
- (74) **HARIHARAN, Subramaniam et al.** / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C02F**
- (11) **WO 03/086976** (13) A2
- (21) PCT/US03/10617
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 60/371,217 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **SUBSEA WELL PRODUCTION FACILITY**
• **INSTALLATION DE PRODUCTION POUR Puits SOUS-MARIN**
- (71) **ABB OFFSHORE SYSTEMS, INC.** [US/US]; 3010 Briarpark, Houston, TX 77042 (US).
- (72) **ANDERSON, Clay, F.**; 21406 Park Villa, Katy, TX 77450 (US). **ALLEN, John**; 9403 Stone Porch Lane, Houston, TX 77064 (US).
- (74) **BRADLEY, James, E.**; Bracewell & Patterson, L.L.P., P.O. Box 61389, Houston, TX 77208-1389 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C02F 1/24, C05F 3/06, A01C 3/00**
- (11) **WO 03/086977** (13) A1
- (21) PCT/CA03/00535
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 2,380,797 **9 Apr/avr 2002 (09.04.2002)** CA
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **METHODS AND APPARATUS FOR TREATING ANIMAL MANURE**
• **PROCEDES ET APPAREILS DE TRAITEMENT D'ENGRAIS ANIMAL**
- (71) **INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [CA/CA]; 2600 boulevard Laurier, bureau 640, Case postale 7500, Sainte-Foy, Québec G1V 4C7 (CA).
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- (72, 75) **BLAIS, Jean-François** [CA/CA]; 187 rue Baudrier, Beauport, Québec G1B 3M5 (CA). **MERCIER, Guy** [CA/CA]; 3640 rue Lacoste, Québec, Québec G2E 4P8 (CA). **BELANGER, Genevieve** [CA/CA]; 6, rue Daniel, St-Nicolas-Bernieres, Québec G7A 2J9 (CA). **CHARTIER, Myriam** [CA/CA]; 3640 rue Lacoste, Québec (Québec), G2E 4P8 (CA). **LEBLANC, Danielle** [CA/CA]; 3470 chemin Royal, Beauport (Québec), G1E 1W7 (CA).
- (74) **DUBUC, J. et al.** / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Québec H4Z 1E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C02F 1/24, 1/36**
- (11) **WO 03/086978** (13) A1
- (21) PCT/EP03/03797
- (22) **11 Apr/avr 2003 (11.04.2003)**

- (25) de (26) de
- (30) 102 16 643.9 **15 Apr/avr 2002** DE
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FLOTATION INSTALLATION FOR WASTEWATER CLARIFICATION AND METHOD FOR OPERATING ONE SUCH INSTALLATION
- INSTALLATION FLOTTANTE POUR PURIFIER DES EAUX USEES, ET PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION DE CE TYPE
- (71) FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ABGEWANDTE FİRSCGZBG E.V. [DE/DE]; Leibridstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMITT, Rainer, M. [DE/DE]; Blieskastelerstrasse 1, 66399 Mandelbachtal (DE).
- (74) RÖSLER, Uwe; Landsberger Strasse 480a, 81241 München (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C02F 1/28, 1/68
- (11) WO 03/086979 (13) A1
- (21) PCT/JP03/04669
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) ja (26) ja
- (30) 10-2002-0020131 **12 Apr/avr 2002** KR
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WATER PURIFIER
- PURIFICATEUR D'EAU
- (71) ASAHI CO., LTD. [JP/JP]; 12-6, Tejikaracho, Gifu-shi, Gifu 500-8236 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAEJIMA, Hideyuki [JP/JP]; c/o FI CO., LTD., 5, Akanabeshinsho 2-chome, Gifu-shi, Gifu 500-8263 (JP).
- (74) HIROE, Takenori et al. / etc.; 4-3, Usa 3-chome, Gifu-shi, Gifu 500-8368 (JP).
- (81) CN JP KR US.
-
- (51)⁷ C02F 1/461
- (11) WO 03/086980 (13) A1
- (21) PCT/JP03/04741
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) ja (26) ja
- (30) 2002-116094 **18 Apr/avr 2002** JP
(18.04.2002)
- (30) 2002-172836 **13 Jun/juin 2002** JP
(13.06.2002)
- (30) 2002-189934 **28 Jun/juin 2002** JP
(28.06.2002)
- (30) 2002-263841 **10 Sep/sep 2002** JP
(10.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF WASTEWATER TREATMENT AND WASTEWATER TREATMENT APPARATUS
- PROCEDE DE TRAITEMENT DES EAUX USEES ET DISPOSITIF DE TRAITEMENT DES EAUX USEES
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IKEMATSU, Mineo [JP/JP]; 1226-12, Shimohamadacho, Ota-shi, Gunma 373-0821 (JP). ISEKI, Masahiro [JP/JP]; 503-9, Araicho, Ota-shi, Gunma 373-0852 (JP). TAKAOKA, Daizo [JP/JP]; 1396-2, Yura-cho, Ota-shi, Gunma 373-0036 (JP).
- (74) AMAGASA, Takashi; 29-3, Hamacho, Ota-shi, Gunma 373-0853 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C02F 1/463
- (11) WO 03/086981 (13) A1
- (21) PCT/AU03/00423
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) PS 1609 **8 Apr/avr 2002** AU
(08.04.2002)
- (30) 2002952678 **15 Nov/nov 2002** AU
(15.11.2002)
- (30) 2002952743 **19 Nov/nov 2002** AU
(19.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONTAMINANT REMOVAL APPARATUS INSTALLATION METHOD
- PROCEDE D'INSTALLATION D'UN APPAREIL D'ELIMINATION DE CONTAMINANTS
- (71) WATERPOWER SYSTEMS PTY LTD [AU/AU]; Unit 1/151 Granite Street, Geebung, Queensland 4034 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRIGG, Brian [AU/AU]; c/- Waterpower Systems Pty Ltd, Unit 1, 151 Granite Street, Geebung, Queensland 4034 (AU).
- (74) FISHER ADAMS KELLY; 13/10 Eagle Street, (GPO Box 1413), Brisbane, Queensland 4000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/463 // (C02F 1/463, 101:32)
- (11) WO 03/086982 (13) A1
- (21) PCT/RU02/00563
- (22) 27 Dec/déc 2002 (27.12.2002)
- (25) ru (26) ru
- (30) 2002109766 **16 Apr/avr 2002** RU
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR CLEANING POLLUTED WATER
- PROCEDE DE PURIFICATION DES EAUX CONTAMINEES
- (71, 72) DMITRIEV, Viktor Vladimirovich [RU/RU]; per. Tokmakov, 12/20-26, Moscow, 107066 (RU). ABROSIMOV, Mikhail Viktorovich [RU/RU]; Krasnoselskoe shosse, 46/4-220, St. Petersburg (RU).
- (74) PATENT AGENCY "VCPU"; E-539, a/ya 6, Moscow, 111539 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/54
- (11) WO 03/086983 (13) A1
- (21) PCT/US03/10445
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 10/115,821 **4 Apr/avr 2002** US
(04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WASTE WATER TREATMENT PROCESS FOR ANIMAL PROCESSING CONTAMINANT REMOVAL
- PROCEDE DE TRAITEMENT D'EAUX USEES POUR UNE ELIMINATION DE CONTAMINANTS DE TRAITEMENT ANIMAL
- (71) WATER SOLUTIONS INC. [US/US]; 3401 West 41st Street, Sioux Falls, SD 57106 (US).
- (72) ALLEN, Stephen; 3401 West 41st Street, Sioux Falls, SD 57106 (US).
- (74) BUFALINO, Angelo, J.; Vedder Price Kaufman & Kammholz, 222 N. LaSalle Street, Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 1/78

(11) WO 03/086984 (13) A1

(21) PCT/US03/11121

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,676 12 Apr/avr 2002 US
(12.04.2002)(30) 60/396,008 16 Jul/juil 2002 US
(16.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISTRIBUTION/RETENTION PLATE FOR MINIMIZING OFF-GASSING

• PLAQUE DE DISTRIBUTION/RETENTION POUR REDUIRE LE DEGAGEMENT GAZEUX

(71, 72) MULGREW, Terrance [US/US]; 117 Donmor Drive, Pittsburgh, PA 15237 (US).

(74) ROTHWELL, Franklin, G. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 3/12, 1/02

(11) WO 03/086985 (13) A1

(21) PCT/FR03/01152

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04600 12 Apr/avr 2002 FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR REDUCING THE PRODUCTION OF SLUDGE DURING A METHOD FOR PURIFYING AQUEOUS EFFLUENTS BY MEANS OF AEROBIC BIOLOGICAL FERMENTATION

• PROCEDE DE REDUCTION DE PRODUCTION DE BOUES DANS UN PROCEDE PAR FERMENTATION BIOLOGIQUE AEROBIE D'EPURATION D'EFFLUENTS AQUEUX

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

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(72, 75) VERONESE, Thierry [FR/FR]; 90, rue de Montreuil, F-94300 Vincennes (FR). LOUVEL, Luc [FR/FR]; 23, rue Molière, F-69006 Lyon (FR). PILAS-BEGUE, Agnès

[FR/FR]; 25, passage Saint Romain, F-01700 Miribel (FR).

(74) DELENNE, Marc et al. / etc.; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haic-Coq, F-93306 Aubervilliers Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 3/12, 3/00

(11) WO 03/086986 (13) A1

(21) PCT/HU03/00016

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) P 0201227 15 Apr/avr 2002 HU
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ODOUR CONTROL OF WASTEWATER CANAL SYSTEM

• LUTTE CONTRE LES ODEURS DANS UN SYSTEME DE CANAUX POUR EAUX USEES

(71) DUNÁNTÚLI REGIONÁLIS VIZMŰRT [HU/HU]; Tanácsház u. 7, P.O. Box 59, H-8600 Siófok (HU).

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(72, 75) JOBBÁGY, Andrea [HU/HU]; Tusnádi u. 3, H-1125 Budapest (HU). VARGA, Gyula, István [HU/HU]; Sarok u. 8, H-8600 Siófok (HU). SIMON, József [HU/HU]; Vadász u.33, H-1054 Budapest (HU). ÁNGYÁN, Rudolf [HU/HU]; Garai u.8, H-8600 Siófok (HU). MÁJER, József [HU/HU]; Somogyi u.55, H-8600 Siófok (HU). MOLNÁR, Béla [HU/HU]; Nefelejcs u.8/B, H-8600 Siófok (HU). PÁLFI, Imre [HU/HU]; Kossuth Lajos u.5, H-8600 Siófok (HU). RÜCK, István [HU/HU]; Nyáry Pál u.50, H-2723 Nyáregyháza (HU).

(74) POLGÁR, Iván; DeveloPat Patent and Trademark Agency, P.O. Box 21, H-1400 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C02F 3/12

(11) WO 03/086987 (13) A1

(21) PCT/NL03/00284

(22) 14 Apr/avr 2003 (14.04.2003)

(25) nl (26) en

(30) 1020374 12 Apr/avr 2002 NL
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PURIFYING A LIQUID MEDIUM

• PROCEDE ET DISPOSITIF POUR LA PURIFICATION DE MILIEU LIQUIDE

(71) SEGHERS KEPPEL TECHNOLOGY GROUP B.V. [BE/BE]; Hoofd 1, B-2830 Willebroek (BE).

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(72, 75) WESSELS, Jacob [NL/NL]; Marconistraat 26, NL-1131 JW Volendam (NL). STEUR, Cornelis, Henri [NL/NL]; Marconistraat 26, NL-1131 JW Volendam (NL).

(74) HOOIVELD, Arjen, Jan, Winfried; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 7/00, B09C 1/08, C02F 1/78, 1/72

(11) WO 03/086988 (13) A1

(21) PCT/EP03/03696

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 17 373.7 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR TREATING BODIES OF WATER OR THE SEDIMENTS THEREOF

• PROCEDE POUR TRAITER DES EAUX ET LEURS SEDIMENTS

(71) HOLLANDSCHE BETON GROEP N.V. [NL/NL]; Generaal Spoorlaan 489, NL-2285 TA Rijswijk (NL). BREWABA WASSERBAUGESELLSCHAFT BREMEN MBH

[DE/DE]; Bennigsenstrasse 2-6, 28207 Bremen (DE).
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(71, 72) **PREXL, Egon** [DE/DE]; Erdbeerring 27, 26624 Victorbur/Südbrookmerland (DE).

(74) **MAIWALD, Walter**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 11/00, 1/36

(11) WO 03/086989 (13) A1

(21) PCT/AT03/00098

(22) 4 Apr/avr 2003 (04.04.2003)

(25) de (26) de

(30) A 580/2002 16 Apr/avr 2002 AT (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE DISINTEGRATION OF SLUDGE

• DISPOSITIF DE DESINTEGRATION DE BOUES RESIDUAIRES

(71, 72) **KUBINGER, Ulrich** [AT/AT]; Seelusweg 11, A-4675 Weibern (AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 11/04, 11/12, 1/58

(11) WO 03/086990 (13) A1

(21) PCT/JP03/04909

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-116257 18 Apr/avr 2002 JP (18.04.2002)

(30) 2002-186179 26 Jun/juin 2002 JP (26.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF TREATING ORGANIC WASTEWATER AND SLUDGE AND TREATMENT APPARATUS THEREFOR

• PROCEDE DE TRAITEMENT D'EAUX USEES ET DE BOUES ORGANIQUES ET APPAREIL DE TRAITEMENT DE MISE EN OEUVRE

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGINO, Takao** [JP/JP]; 4-2-11-906, Chuorinkan, Yamato-shi, Kanagawa 242-0007 (JP). **FUCHU, Yuichi** [JP/JP]; 3-13-13-506, Morishita, Koto-ku, Tokyo 135-0004 (JP). **YOSHIDA, Hideyuki** [JP/JP]; 1-9-11, Wakaba, Shinjuku-ku, Tokyo 160-0011 (JP). **NISHIMOTO, Masaaki** [JP/JP]; 3-11-12, Miyamaedaira, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0006 (JP). **SHIMAMURA, Kazuaki** [JP/JP]; 5-3-12-206, Dai, Kamakura-shi, Kanagawa 247-0061 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN JP KR US.

(84) EP (DE FR GB).

Published / Publiée : (c)

(51)⁷ C02F 11/10, 11/12, B01J 19/12, C10B 53/02

(11) WO 03/086991 (13) A1

(21) PCT/EP03/03484

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 102 17 432.6 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR DRYING AND GASIFYING SLUDGE

• PROCEDE ET DISPOSITIF DE SECHAGE ET DE GAZEIFICATION DE BOUES

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [—/DE]; Leonrodstrasse 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGNER, Harald** [DE/DE]; Nairnstrasse 11, 74321 Bietigheim-Bissingen (DE).

(74) **HELLWIG, Tillmann**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C02F 11/12, 3/12

(11) WO 03/086992 (13) A1

(21) PCT/EP03/01363

(22) 12 Feb/fév 2003 (12.02.2003)

(25) de (26) de

(30) 102 17 418.0 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLARIFYING SLUDGE CONTAINER WITH A DEVICE FOR SLUDGE CONCENTRATION

• RESERVOIR DE BOUES D'EPURATION COMPRENANT UN DISPOSITIF POUR LA PREDESHYDRATATION DES BOUES

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGNER, Harald** [DE/DE]; Nairnstrasse 11, 74321 Bietigheim-Bissingen (DE). **EGNER, Siegfried** [DE/DE]; Am Berg 2, 74740 Adelsheim (DE).

(74) **HELLWIG, Tillmann**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B

(11) WO 03/086993 (13) A1

(21) PCT/IT02/00501

(22) 29 Jul/juil 2002 (29.07.2002)

(25) en (26) en

(30) RN2002A000019 12 Apr/avr 2002 IT (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DECORATIVE GLASS FOR LAMPS

• VERRE DECORATIF POUR LAMPES

(71) **INTERLIGHTING AGENCY DI ZANOTTI MATTEO & C. S.N.C.** [IT/IT]; Via Musiani, 25, I-47900 Rimini (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZANOTTI, Matteo** [IT/IT]; Via Capuana, 22/a, I-47900 Rimini (IT).

(74) MONTEBELLI, Marco; c/o Brema S.R.L., Via XX Settembre, 72 -C.P. 155, I-47900 Rimini (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 5/23

(11) WO 03/086994 (13) A1

(21) PCT/RU02/00181

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ru (26) ru

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GLASS-MELTING TANK FURNACE
• FOUR POUR VERRE A BASSIN

(71, 72) ZAVGORODNEV, Vitaliy Andreevich [RU/RU]; ul. Lomonosova, 14-3, Saratov, 410041 (RU).

(74) ROMANOVA, Nataliya Viktorovna; Saratovskiy Gosudarstvennyy Universitet, PLO, ul. Moskovskaya, 155, Saratov, 410026 (RU).

(81) CN CZ DE ES FI HU LT PL PT UA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (BE FR).

(51)⁷ C03B 8/04

(11) WO 03/086995 (13) A1

(21) PCT/JP03/04969

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-115789 18 Apr/avr 2002 JP (18.04.2002)

(30) 2003-111369 16 Apr/avr 2003 JP (16.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MANUFACTURING GLASS PARTICULATE STACKED BODY
• PROCEDE DE FABRICATION D'UN CORPS SUPERPOSE EN PARTICULES DE VERRE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OOISHI, Toshihiro [JP/JP]; c/o Yokohama Works of Sumitomo, Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). NAKAMURA, Motonori [JP/JP]; c/o Yokohama Works of Sumitomo, Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). ISHIHARA, Tomohiro [JP/JP]; c/o Yokohama Works of Sumitomo, Electric Industries, Ltd.,

1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). SAKAI, Tatsuro [JP/JP]; c/o Yokohama Works of Sumitomo, Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP).

(74) MIYAKOSHI, Noriaki et al. / etc.; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) CN IN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C03B 18/06

(11) WO 03/086996 (13) A1

(21) PCT/US03/09872

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,592 5 Apr/avr 2002 US (05.04.2002)

(30) 10/396,988 25 Mar/mar 2003 US (25.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WEDGE SHAPED GLASS AND METHOD OF PRODUCING WEDGED GLASS
• VERRE A EPAISSEUR PROGRESSIVE ET SON PROCEDE DE FORMATION

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) DIGIAMPAOLO, Gerald; 2775 Saxony Place, Apt. 1235, Allison Park, PA 15101 (US). ZAHLER, James A.; 12891 Forrest Drive, Edinboro, PA 16412 (US). GAREFINO, Jennifer M.; 412 Deer Run Road, Slippery Rock, PA 16057 (US).

(74) SIMINERIO, Andrew C. et al. / etc.; PPG INDUSTRIES, INC., Intellectual Property Dept., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 37/012, G02B 6/22

(11) WO 03/086997 (13) A1

(21) PCT/JP03/04823

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002/113280 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL FIBER PREFORM PRODUCING METHOD, OPTICAL FIBER PRODUCING METHOD, AND OPTICAL FIBER

• PROCEDE DE PRODUCTION D'UNE PREFORME DE FIBRE OPTIQUE, PROCEDE DE PRODUCTION D'UNE FIBRE OPTIQUE ET FIBRE OPTIQUE ELLE-MEME

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRANO, Masaaki [JP/JP]; c/o Yokohama Works of, Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). YANADA, Eiji [JP/JP]; c/o Yokohama Works of, Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). YOKOKAWA, Tomoyuki [JP/JP]; c/o Yokohama Works of, Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP). SASAKI, Takashi [JP/JP]; c/o Yokohama Works of, Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (JP).

(74) MIYAKOSHI, Noriaki et al. / etc.; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 37/018

(11) WO 03/086998 (13) A1

(21) PCT/NL03/00261

(22) 7 Apr/avr 2003 (07.04.2003)

(25) nl (26) en

(30) 1020358 10 Apr/avr 2002 NL (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR MANUFACTURING OPTICAL PREFORMS, AS WELL AS THE OPTICAL FIBRES OBTAINED THEREWITH

• PROCEDE ET DISPOSITIF DE FABRICATION DE PREFORMES OPTIQUES ET FIBRES OPTIQUES AINSI OBTENUES

(71) DRAKA FIBRE TECHNOLOGY B.V. [NL/NL]; Zwaanstraat 1, NL-5651 CA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTHIJSSE, Pieter** [NL/NL]; De Kuil 35, NL-5527 AA Hapert (NL). **VAN STRALEN, Mattheus, Jacobus, Nicolaas** [NL/NL]; Munnekeburenstraat 58, NL-5045 DV Tilburg (NL). **JANSEN, Henrikus, Lambertus, Maria** [NL/NL]; Van Beverwijkstraat 10, NL-5571 BS Bergeijk (NL). **DE VETTER, Antonius, Cornelis, Johannus, Maria** [NL/NL]; De Verver 15, NL-5506 BH Veldhoven (NL). **DE FOUW, Marinus, Jacob** [NL/NL]; Gotthardpas 34, NL-5624 NE Eindhoven (NL).

(74) **DOHMEN, Johannes, Maria, Gerardus et al.** / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C03B 37/05

(11) WO 03/086999 (13) A1

(21) PCT/EP03/03847

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 02252712.1 17 Apr/avr 2002 EP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIBERISING ROTOR
• ROTOR DE FIBRAGE

(71) **ROCKWOOL INTERNATIONAL A/S** [DK/DK]; 584 Hovedgaden, DK-2640 Hede-husene (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLEMMING, Weiss, Toender** [DK/DK]; Aamosevej 15, 4450 Jyderup (DK).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C

(11) WO 03/087000 (13) A2

(21) PCT/US03/11397

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/123,050 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LARGE SCALE SYNTHESIS OF GERMANIUM SELENIDE GLASS AND GERMANIUM SELENIDE GLASS COMPOUNDS

• SYNTHÈSE A GRANDE ECHELLE DE VERRE DE SELENIURE DE GERMANIUM ET DE COMPOSES DE VERRE DE SELENIURE DE GERMANIUM

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706 (US).

(72) **UHLENBROCK, Stefan**; 11336 West Divide Pass Drive, Boise, ID 83709 (US).

(74) **INGERMAN, Jeffrey, H. et al.** / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C03C 3/068

(11) WO 03/087001 (13) A1

(21) PCT/JP03/04043

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-96453 29 Mar/mar 2002 JP (29.03.2002)

(30) 2002-115831 18 Apr/avr 2002 JP (18.04.2002)

(30) 2002-358616 10 Dec/déc 2002 JP (10.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BISMUTH GLASS COMPOSITION, AND MAGNETIC HEAD AND PLASMA DISPLAY PANEL INCLUDING THE SAME AS SEALING MEMBER

• COMPOSITION DE VERRE DE BISMUTH, ET TETE MAGNETIQUE ET ECRAN A PLASMA CONTENANT LA-DITE COMPOSITION SOUS FORME D'ELEMENT D'OBTURATION

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Shinya** [JP/JP]; 1-5-501, Higashichujocho, Ibaraki-shi, Osaka 567-0885 (JP). **ONISHI, Hiroshi** [JP/JP]; 40-11, Yabumotomachi, Hirakata-shi, Osaka 573-1125 (JP). **KANAI, Mikie** [JP/JP]; 2-10-404, Toyohidecho 2-chome, Moriguchi-shi, Osaka 570-0082 (JP). **KAMIMOTO, Tetsuya** [JP/JP]; 3-23-10, Nagaotanimachi, Hirakata-shi, Osaka 573-0164 (JP).

(74) **ISHII, Kazuo et al.** / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (b)

(51)⁷ C03C 17/00, 17/25, 17/34, C04B 41/52, 41/50, C03C 25/52, 25/42

(11) WO 03/087002 (13) A1

(21) PCT/FR03/01218

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04775 17 Apr/avr 2002 FR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTRATE WITH A SELF-CLEANING COATING

• SUBSTRAT A REVETEMENT AUTO-NETTOYANT

(71) **SAINT-GOBAIN GLASS FRANCE** [FR/FR]; "Les Miroirs", 18, avenue d'Alsace, F-92400 Courbevoie (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUENEAU, Lethicia** [FR/FR]; 60, avenue de Paris, F-94300 Vincennes (FR). **RONDET, Mauricette** [FR/FR]; 4, rue Gounot, F-94400 Vitry sur Seine (FR).

(74) **MULLER, René**; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C03C 17/30, C09D 183/08, 5/32

(11) WO 03/087003 (13) A1

(21) PCT/JP03/04283

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-111573 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER-BASED HEAT-RADIATION-
PREVENTIVE COATING MATERIAL FOR GLASS,
HEAT-RADIATION-PREVENTIVE GLASS, AND
METHOD OF PREVENTING HEAT RADIATION

• ENDUIT DE PROTECTION CONTRE
LES RAYONNEMENTS THERMIQUES
A BASE D'EAU DESTINE AU VERRE,
VERRE PROTEGE CONTRE LES
RAYONNEMENTS THERMIQUES, ET
PROCEDE DE PROTECTION CONTRE
LES RAYONNEMENTS THERMIQUES

(71) KABUSHIKIKAISHA SEKUTO KAKU
[JP/JP]; 6-13-10, Tsukagoshi,
Warabi-shi, Saitama 335-0002 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUJIRAI, Masami [JP/JP]; 2-15-2-
2413, Motogou, Kawaguchi-shi, Saitama
332-0011 (JP).

(74) TAKANO, Mifune; Miyamasuzaka-Toho-
Estate 602, 1-12-12 Shibuya, Shibuya-ku,
Tokyo 150-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C03C 17/32

(11) WO 03/087004 (13) A1

(21) PCT/JP03/04284

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-111572 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLAR HEAT CUTOFF GLASS AND
SOLAR HEAT CUTOFF METHOD USING
SAME

• VERRE ARRETANT LA CHALEUR
SOLAIRE ET PROCEDE D'ARRET DE
LA CHALEUR SOLAIRE UTILISANT
CE VERRE

(71) KABUSHIKIKAISHA SEKUTO KAKU
[JP/JP]; 6-13-10, Tsukagoshi,
Warabi-shi, Saitama 335-0002 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUJIRAI, Masami [JP/JP]; 2-15-2-
2413, Motogou, Kawaguchi-shi, Saitama
332-0011 (JP).

(74) TAKANO, Mifune; Miyamasuzaka-Toho-
Estate 602, 1-12-12 Shibuya, Shibuya-ku,
Tokyo 150-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C03C 17/34, C04B 41/52, C03C 25/52

(11) WO 03/087005 (13) A1

(21) PCT/FR03/01219

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04774 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTRATE WITH A SELF-CLEAN-
ING COATING

• SUBSTRAT A REVETEMENT
AUTO-NETTOYANT

(71) SAINT-GOBAIN GLASS FRANCE
[FR/FR]; "Les Miroirs", 18, avenue d'Al-
sace, F-92400 Courbevoie (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AZZOPARDI, Marie-José [FR/FR];
52, boulevard de la Libération, F-94300 Vin-
cennes (FR).

(74) MULLER, René; Saint-Gobain Recherche,
39, quai Lucien Lefranc, F-93300 Aubervil-
liers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C03C 27/06, C04B 37/00

(11) WO 03/087006 (13) A1

(21) PCT/US03/09149

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 10/118,780 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIRECT BONDING METHODS USING
LITHIUM

• PROCEDES DE LIAISON DIRECTE A
L'AIDE DE LITHIUM

(71) CORNING INCORPORATED [US/US]; 1
Riverfront Plaza, Corning, NY 14831 (US).

(72) MANN, Larry, G.; 15 Virginia Road,
Painted Post, NY 14870 (US). SABIA,
Robert; 3052 Goff Road, Corning, NY
14830 (US). SMITH, Dennis, W.; 4438 Wil-
son Hollow Road, Corning, NY 14830 (US).

(74) SCHAEFERLE, Timothy, M.; Corning In-
corporated, SP TI 3 1, Corning, NY 14831
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C04B 7/36

(11) WO 03/087007 (13) A1

(21) PCT/EP03/02837

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 17 053.3 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND INSTALLATION FOR
THE THERMAL TREATMENT OF RAW
MEAL DURING THE PRODUCTION
OF CEMENT CLINKER

• PROCEDE ET DISPOSITIF POUR LE
TRAITEMENT THERMIQUE DE LA
FARINE CRUE DANS LA FABRICA-
TION DE CLINKERS

(71) POLYSIUS AG [DE/DE]; Graf-Galen-Str.
17, 59269 Beckum (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ERPELDING, Richard [DE/DE];
Grandweg 26, 59494 Soest (DE).
ADLER, Klaus [DE/DE]; Köchlingstr.
20, 33978 Rheda-Wiedenbrück (DE).
KUHLMANN, Dieter [DE/DE]; Rosenweg
23, 59320 Ennigerloh (DE). THIEMEYER,

Heinz-Werner [DE/DE]; Rottendorfstr. 2, 59320 Ennigerloh (DE). MAIER, Oliver [DE/DE]; Siemensstr. 12, 48153 Münster (DE).

(74) TETZNER, Volkmar et al. / etc.; Van-Gogh-Str. 3, 81479 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C04B 12/00

(11) WO 03/087008 (13) A2

(21) PCT/FR03/01212

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04845 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • READY-TO-USE LIQUID GEOPOLYMER RESINS AND METHOD FOR PRODUCTION THEREOF
• RESINES GEOPOLYMERIQUES LIQUIDES PRETES A L'EMPLOI ET PROCEDE D'OBTENTION

(71) CORDI-GEOPOLYMER S.A. [FR/FR]; Espace Créatis, Z.A. Bois de la Choque, F-02100 Saint-Quentin (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) DAVIDOVITS, Joseph [FR/FR]; 16, rue Galilée, F-02100 Saint-Quentin (FR).

(72, 75) DAVIDOVITS, Ralph [FR/FR]; 16, rue Galilée, F-02100 Saint-Quentin (FR).

(74) DAVIDOVITS, Joseph; 16, rue Galilée, F-02100 Saint-Quentin (FR).

(81) AE AU BR CA CN CZ EE HR HU ID IL IN JP KR LT LV MX NO PL RO RU SG SK TR UA US YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C04B 28/00, C08K 3/08, C04B 26/00, 14/34, 22/04

(11) WO 03/087009 (13) A1

(21) PCT/IB03/01415

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 02076429.6 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ADJUNCT FOR IMPROVING THE BIOENERGETIC PROPERTIES OF MINERAL BUILDING MATERIALS

• ADDITIF DESTINE A AMELIORER LES PROPRIETES BIOENERGETIQUES DE MATERIAUX MINERAUX

(71) LABOR GRIEDER [CH/CH]; Eggweg 138, CH-4497 Rüthenberg (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRIEDER, Karl [CH/CH]; Labor Grieder, Eggweg 138, CH-4497 Rüthenberg (CH). FLACHSMANN-FONTALBA, Gideon, Cajus [CH/CH]; Labor Grieder, Eggweg 138, CH-4497 Rüthenberg (CH).

(74) D'HAEMER, Jan; Bammertackerweg 29, CH-4105 Biel-Benken (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 28/04 // (C04B 28/04, 18:08) (C04B 28/04, 18:14)

(11) WO 03/087010 (13) A1

(21) PCT/EP03/50103

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208774.0 17 Apr/avr 2002 GB (17.04.2002)

(30) 0208775.7 17 Apr/avr 2002 GB (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CEMENTS CONTAINING HIGH-SILICA MINERALS FOR WELL CEMENTING

• CEMENTS CONTENANT DES MINERAUX A HAUTE TENEUR EN SILICE POUR LA CIMENTATION DE PUITS

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 rue Saint Dominique, F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; PO BOX 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB JP NL)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 24th- Floor - Monenco Place, 801 6th Avenue SW, Calgary, Alberta T2P 3W2 (CA).

(only for / seulement pour CA)

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).

(only for / seulement pour AM AT AZ BY DE DK HR IT KG KR KZ MD NO NZ PL RO RU TJ TM UA ZA)

(71) SOFITECH N.V. [BE/BE]; Rue de Stalle 140, B-1180 Brussels (BE).

(only for / seulement pour AE AG AL AU BA BB BE BF BG BJ BR BZ CF CG CH CI CM CN CO CR CU CY CZ DM DZ EC EE ES FI GA GD GE GH GM GN GQ GR GW HU ID IE IL IN IS KE KP LC LK LR LS LT LU LV MA MC MG MK ML MN MR MW MX MZ NE OM PH PT SC SD SE SG SI SK SL SN SZ TD TG TN TR TT TZ UA UG UZ VC VN YU ZM ZW)

(72, 75) DROCHON, Bruno [FR/FR]; 33 rue de la Baignade, F-93160 Noisy le Grand (FR). MICHAUX, Michel [FR/FR]; 1, Square Des Muses, F-91370 Verrieres-le-Buisson (FR).

(74) HYDEN, Martin et al. / etc.; ETUDES ET PRODUCTIONS SCHLUMBERGER, PROPRIETE INTELLECTUELLE, 1, rue Henri Becquerel, BP 202, F-92142 CLAMART Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C04B 35/03, C03B 5/237

(11) WO 03/087011 (13) A1

(21) PCT/EP03/02270

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) 102 16 879.2 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF A MAGNESIA ZIRCONIA BRICK

• UTILISATION D'UNE PIERRE DE ZIRCON CONE DE MAGNESIE

(71) REFRATORY INTELLECTUAL PROPERTY GMBH & CO. KG [AT/AT]; Wienerbergstrasse 11, A-1100 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEICHERT, Thomas [DE/DE]; Auf dem Hohlweg 26, 65307 Bad Schwalbach (DE). SCHMALENBACH, Bernhard [DE/DE]; Kleiststrasse 1, 65187 Wiesbaden (DE). GEITH, Martin [AT/AT]; Otto-Krischke-Gasse 19, A-8720 Knittelfeld (AT). MAJCENOVIC, Christian [AT/AT]; Birkenweg 1, A-8111 Judendorf-Strassengel (AT).

(74) BECKER, Thomas, U. et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SK SL TJ TM TN TR TT TZ UA UG US UZ
VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C04B 35/47

(11) WO 03/087012 (13) A1

(21) PCT/JP03/04314

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(30) 2002-113185 16 Apr/avr 2002 JP
(16.04.2002)

(30) 2003-36305 14 Feb/fév 2003 JP
(14.02.2003)

(30) 2003-66446 12 Mar/mar 2003 JP
(12.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NONREDUCING DIELECTRIC CE-
RAMIC, ITS PRODUCTION METHOD,
AND MULTILAYER CERAMIC CA-
PACITOR

• CERAMIQUE DIELECTRIQUE NON
REDUCTRICE, SON PROCEDE DE
PRODUCTION ET CONDENSATEUR
CERAMIQUE MULTICOUCHE

(71) MURATA MANUFACTURING CO.,
LTD. [JP/JP]; 26-10, Tenjin 2-chome, Na-
gaokakyo-shi, Kyoto 617-8555 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ITO, Toshiyuki [JP/JP]; c/o MURATA
MANUFACTURING CO., LTD., 26-10,
Tenjin 2-chome, Nagaokakyo-shi, Ky-
oto 617-8555 (JP). SANO, Harunobu
[JP/JP]; c/o MURATA MANUFACTUR-
ING CO., LTD., 26-10, Tenjin 2-chome,
Nagaokakyo-shi, Kyoto 617-8555 (JP).

(74) MURATA MANUFACTURING CO.,
LTD.; Patent Sec., Intellectual Prop-
erty Dept., 26-10, Tenjin 2-chome, Na-
gaokakyo-shi, Kyoto 617-8555 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C04B 35/565, C10M 103/00

(11) WO 03/087013 (13) A1

(21) PCT/US03/11206

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/122,293 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A COMPOSITE BODY OF SILICON
CARBIDE AND BINDERLESS CAR-
BON AND PROCESS FOR PRODUCING

• CORPS COMPOSITE CARBURE DE SI-
LICIIUM ET CARBONE SANS LIANT,
PROCEDE PERMETTANT DE PRO-
DUIRE UN TEL CORPS COMPOSITE
ET ARTICLE MANUFACTURE POUR
APPLICATIONS TRIBOLOGIQUES
COMPRENANT UN TEL CORPS COM-
POSITE

(71) JOHN CRANE INC. [US/US]; 6400 W.
Oakton Street, Morton Grove, IL 60053 (US).

(72) DEMENDI, Joseph, F.; 9407 Turnberry
Trail, Crystal Lake, IL 60014 (US). CHEN,
Xin, E.; 722 Concord Drive, Crystal Lake, IL
60014 (US). CLEMENS, William, R.; 228
N. Green Street, Carpentersville, IL 60110
(US).

(74) JAMBOR, Robert, V.; Jenner & Block,
LLC, One IBM Plaza, Chicago, IL 60611
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C04B 35/58, C22C 29/18, H05B 3/14

(11) WO 03/087014 (13) A1

(21) PCT/SE03/00379

(22) 6 Mar/mar 2003 (06.03.2003)

(25) sv (26) en

(30) 0201042-9 5 Apr/avr 2002 SE
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MAKING A HEATING
ELEMENT OF THE MOLYBDENUM
SILICIDE TYPE AND A HEATING EL-
EMENT

• PROCEDE DE FABRICATION D'UN
ELEMENT DE CHAUFFAGE DU TYPE
SILICIURE DE MOLYBDENE ET ELE-
MENT DE CHAUFFAGE

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUNDBERG, Mats [SE/SE]; Lil-
janstorpssvägen 57, S-722 46 Västerås (SE).
PETTERSSON, Hans [SE/SE]; Rallsta 20B,
S-734 91 Hallstahammar (SE). MAGNUS-
SON, Anders [SE/SE]; Skultunavägen 62,
S-722 17 Västerås (SE).

(74) ÖRTENBLAD, Bertil et al. / etc.; Noréns
Patentbyrå AB, Box 10198, S-100 55 Stock-
holm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C04B 35/58, C22C 29/18, H05B 3/14

(11) WO 03/087015 (13) A1

(21) PCT/SE03/00380

(22) 6 Mar/mar 2003 (06.03.2003)

(25) sv (26) en

(30) 0201043-7 5 Apr/avr 2002 SE
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MAKING A HEATING
ELEMENT OF MOLYBDENUM SILI-
CIDE TYPE AND A HEATING ELE-
MENT

• PROCEDE DE FABRICATION D'UN
ELEMENT CHAUFFANT DE TYPE A
SILICIURE DE MOLYBDENE

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUNDBERG, Mats [SE/SE]; Lil-
janstorpssvägen 57, S-722 46 Västerås (SE).
PETTERSSON, Hans [SE/SE]; Rallsta 20B,
S-734 91 Hallstahammar (SE).

(74) ÖRTENBLAD, Bertil et al. / etc.; Noréns
Patentbyrå AB, Box 10198, S-100 55 Stock-
holm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C04B 35/58, C22C 29/18, H05B 3/14

(11) WO 03/087016 (13) A1

(21) PCT/SE03/00556

(22) 4 Apr/avr 2003 (04.04.2003)

(25) sv (26) en

(30) 0201042-9 5 Apr/avr 2002 SE
(05.04.2002)

(30) 0201043-7 5 Apr/avr 2002 SE
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD OF MAKING A HEATING ELEMENT OF MOLYBDENUM SILICIDE TYPE

• PROCEDE DE FABRICATION D'UNE RESISTANCE CHAUFFANTE DU TYPE SILICIURE DE MOLYBDENE

- (71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SUNDBERG, Mats [SE/SE]; Liljanstorpssvägen 57, S-722 46 Västerås (SE).
MAGNUSSON, Anders [SE/SE]; Skultunavägen 62, S-722 17 Västerås (SE).

- (74) ÖRTENBLAD, Bertil et al. / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C06B 45/00, 47/02

(11) WO 03/087017 (13) A1

(21) PCT/EP03/03860

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 02090144.3 16 Apr/avr 2002 EP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR PRODUCING CRYOGENIC, SOLID MONOPROPELLANTS AND SOLID PROPELLANTS PRODUCED ACCORDING TO SAID METHOD

• PROCEDE POUR LA PRODUCTION DE COMBUSTIBLES SOLIDES CRYOGENIQUES AU MONERGOL ET COMBUSTIBLES SOLIDES PRODUITS SELON CE PROCEDE

- (71, 72) LO, Roger, E. [AT/DE]; Senheimer Strasse 43, 13465 Berlin (DE). ADIRIM, Harry [DE/DE]; Hauptstr. 34/35, 10827 Berlin (DE).

- (74) HANNIG, Wolf; Cohausz Hannig Dawidowicz & Partner, Friedlander Str. 37, 12489 Berlin (DE).

- (81) AU BA BG BR BY CA CN CO CR DZ EC EE HR HU ID IL IN JP KR LT LV MX NO NZ PH PL RO RU SD SG SK TN TR UA US UZ ZA.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07B

(11) WO 03/087018 (13) A2

(21) PCT/US03/10670

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,843 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SPECIMEN HOLDING APPARATUS
• APPAREIL PORTE-PREPARATIONS

- (71) E.A. FISCHIONE INSTRUMENTS, INC. [US/US]; 9003 Corporate Circle, Export, PA 15632 (US).

- (72) FISCHIONE, Paul, E.; 4110 Manor Oaks Court, Export, PA 15632 (US). GRONSKY, Jeff; 241 Kinsey Farm Road, Ligonier, PA 15658 (US).

- (74) LEVY, Philip, E. et al. / etc.; Metz Lewis LLC, 11 Stanwix Street, 18th Floor, Pittsburgh, PA 15222 (US).

(81) JP.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C07B 37/08, A61K 31/728, A61P 19/02, 29/00

(11) WO 03/087019 (13) A1

(21) PCT/JP03/04949

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116508 18 Apr/avr 2002 JP (18.04.2002)

(30) 2002-209429 18 Jul/juil 2002 JP (18.07.2002)

(30) 2002-331551 15 Nov/nov 2002 JP (15.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • HYALURONIC ACID MODIFICATION PRODUCT

• PRODUIT DE MODIFICATION D'ACIDE HYALURONIQUE

- (71) CHUGAI SEIYAKU KABUSHIKI KAISYA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SHIMOBOKI, Tsuyoshi [JP/JP]; c/o CHUGAI SEIYAKU KABUSHIKI KAISYA, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

- (74) KOBAYASHI, Hiroshi et al. / etc.; Fukuoka Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07B 39/00, C07F 5/02, 9/53, C07C 29/143

(11) WO 03/087020 (13) A1

(21) PCT/EP03/02741

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 996.9 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR PERFLUOROALKYLATION BY MEANS OF TRIS(PERFLUOROALKYL)PHOSPHINE OXIDES

• PROCEDE DE PERFLUOROALKYLATION A L'AIDE DE TRIS(PERFLUORO-ALKYL)PHOSPHINOXYDES

- (71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) IGNATYEV, Nikolai [UA/DE]; Prinzenstrasse 104, 47058 Duisburg (DE). WELZ-BIERMANN, Urs [DE/DE]; Rebenstrasse 103, 64646 Heppenheim (DE). SCHMIDT, Michael [DE/DE]; Weinbergstrasse 41, 64342 Seelheim-Jugenheim (DE). WEIDEN, Michael [DE/DE]; Langgaesserweg 48, 64285 Darmstadt (DE). HEIDER, Udo [DE/GB]; 4 Wintwerth Grange, Winchester S022 4HZ (GB). WILLNER, Helge [DE/DE]; Fochrenkamp 3, 45481 Muelheim/Ruhr (DE). SARTORI, Peter [DE/DE]; Zur Ludwigshöhe 28, 86919 Utting (DE). MILLER, Alexej [DE/DE]; Prinzenstrasse 35, 47058 Duisburg (DE).

- (74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 03/087021 (13) A2

(21) PCT/US03/10854

(22) 8 Apr/avr 2003 (08.04.2003)

- (25) en (26) en
- (30) 60/370,882 **8 Apr/avr 2002** US
(08.04.2002)
- (30) 60/394,315 **8 Jul/juil 2002** US
(08.07.2002)
- (30) 60/428,296 **22 Nov/nov 2002** US
(22.11.2002)
- (30) 60/378,044 **28 Feb/fév 2003** US
(28.02.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NANOPARTICLE DELIVERY SYSTEMS AND METHODS OF USE THEREOF
- SYSTEMES DE LIBERATION DE NANOPARTICULES ET PROCEDES D'UTILISATION CORRESPONDANTS
- (71) GENESEGUES, INC. [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UNGER, Gretchen, M. [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US). LUNDELL, Beverly [US/US]; 2255 Vining Drive #6, Woodbury, MN 55125 (US).
- (74) HERBERT, Curtis, B. et al. / etc.; Patterson, Thuente, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 7/04, 7/00, 7/09, F25J 3/06
- (11) WO 03/087022 (13) A1
- (21) PCT/US03/10873
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/121,151 **11 Apr/avr 2002** US
(11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • OLEFIN PLANT REFRIGERATION SYSTEM
- SYSTEME DE REFRIGERATION D'INSTALLATION DE PRODUCTION D'OLEFINES
- (71) ABB LUMMUS GLOBAL INC. [US/US]; 1515 Broad Street, Bloomfield, NJ 07003-3096 (US).
- (72) WEI, Vitus Tuan; 2100 Tanglewilde #112, Houston, TX 77063 (US). MA, Qi; 22410 Laura's Glen Court, Katy, TX 77450 (US). WU, James, Tzong-Chaur; 14822 Earlswood Drive, Houston, TX 77083 (US).
- (74) BERNEIKE, Richard, H. et al. / etc.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ C07C 15/60, 13/66, 13/567, 211/54, C07D 209/86, 215/04, C09K 11/06, H05B 33/14, 33/22
- (11) WO 03/087023 (13) A1
- (21) PCT/JP03/04905
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) ja (26) ja
- (30) 2002-114400 **17 Apr/avr 2002** JP
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL AROMATIC COMPOUND AND ORGANIC ELECTROLUMINESCENT ELEMENT CONTAINING THE SAME
- NOUVEAU COMPOSE AROMATIQUE ET ELEMENT ELECTROLUMINESCENT ORGANIQUE CONTENANT LEDIT COMPOSE
- (71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IKEDA, Hidetsugu [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). MATSUURA, Masahide [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). FUNAHASHI, Masakazu [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). HOSOKAWA, Chishio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C07C 17/16, 17/42, 21/22
- (11) WO 03/087024 (13) A1
- (21) PCT/US03/10770
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 10/118,290 **8 Apr/avr 2002** US
(08.04.2002)
- (30) 10/126,260 **18 Apr/avr 2002** US
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STABILIZATION AND USE OF PROPARGYL BROMIDE
- STABILISATION ET UTILISATION DU BROMURE DE PROPARGYLE
- (71) ALBEMARLE CORPORATION [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (72) SABAHI, Mahmood; 851 Shadow Oak Drive, Baton Rouge, LA 70810 (US). MAGIN, Ralph, W.; 17643 Crossing Boulevard, Baton Rouge, LA 70810 (US). HERN-DON, Robert, C., Jr.; 13566 South Fairview Avenue, Baton Rouge, LA 70816 (US). EL-NAGAR, Hassan, Y.; 1447 Bullrush Drive, Baton Rouge, LA 70810 (US). BRANTLEY, Noel, H.; 4027 Lake Livingston Court, Baton Rouge, LA 70816 (US). LIN, Ronny, W.; 2823 Galahad Drive, Baton Rouge, LA 70816 (US). ALLEN, Robert, H.; 5841 Terrytown Avenue, Baton Rouge, LA 70808 (US).
- (74) PIPPENGER, Philip, M. et al. / etc.; Albemarle Corporation, Law Department, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (81) BR CA IL JP MX.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C07C 45/79, C07F 9/141, B01J 8/20
- (11) WO 03/087025 (13) A1
- (21) PCT/EP03/03867
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) de (26) de
- (30) 102 16 638.2 **15 Apr/avr 2002** DE
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCING ETHERS, ESTERS OR ACID ANHYDRIDES
- PROCEDE DE PRODUCTION D'ETHERS, D'ESTERS ET D'ANHYDRIDES D'ACIDE
- (71) BASF AKTIENGESSELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLOPP, Ingo [DE/DE]; Lindenweg 18, 67256 Weisenheim (DE). BOGENSTÄTTER, Thomas [DE/DE]; Nolzeruhe 8b, 67098 Bad Dürkheim (DE). FRANKE, Dirk [DE/DE]; Albrecht-Dürer-Strasse 21a, 67134 Birkenheide (DE).
- (74) RIEDL, Peter; Reitstötter, Kinzebach & Partner (GbR), Sternwartstrasse 4, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C07C 47/55, C07D 403/04, A61K 31/505,
A61P 35/00

(11) WO 03/087026 (13) A1

(21) PCT/EP03/03969

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 02008228.5 18 Apr/avr 2002 EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • 2-(2,6-DICHLOROPHENYL)-DI-
ARYLIMIDAZOLES

• 2-(2,6-DICHLOROPHENYL)-DIARYLI-
MIDAZOLES

(71) F. HOFFMANN-LA ROCHE AG
[CH/CH]; 124, Grenzacherstrasse, CH-4070
Basle (CH).

(72) BRANDT, Michael; Faltergatter 29, 82393
Iffeldorf (DE). FERTIG, Georg; Wolfbauer-
weg 6, 82377 Penzberg (DE). KRELL,
Hans-Willi; Zugspitzstrasse 14a, 82377
Penzberg (DE). VON HIRSCHHEYDT,
Thomas; Waxensteinstrasse 42, 82377
Penzberg (DE). VOSS, Edgar; Sied-
lungsstrasse 7, 83673 Bichl (DE).

(74) SCHREINER, Siegfried; Roche Diagnos-
tics GmbH, Patent Department (TR-E), P.O.
Box 11 52, 82372 Penzberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C07C 51/09

(11) WO 03/087027 (13) A1

(21) PCT/BE03/00064

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 02447066.8 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD FOR THE DIRECT HY-
DROLYSIS OF FATTY ACID ESTERS
TO THE CORRESPONDING FATTY
ACIDS

• PROCEDE D'HYDROLYSE DIRECTE
D'ESTERS D'ACIDES GRAS EN
ACIDES GRAS CORRESPONDANTS

(71) OLEON [BE/BE]; Assenedestraat 2, B-9940
Ertvelde (BE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PACKET, Dirk [BE]; Processiestraat 1,
B-1730 Asse (BE).

(74) LUYIS, Marie-José et al. / etc.; Gevers &
Vander Haeghen, Intellectual Property House,
Brussels Airport Business Park, Holidaystraat
5, B-1831 Diegem (BE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) DE (Utility model /
modèle d'utilité) DK (Utility model / modèle
d'utilité) DM DZ EC EE (Utility model
/ modèle d'utilité) ES FI (Utility model /
modèle d'utilité) GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK (Utility model / modèle
d'utilité) SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C07C 51/41, C07F 9/09, C07C 53/122,
53/10, 59/265

(11) WO 03/087028 (13) A1

(21) PCT/IB02/01554

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(30) 2002/2902 12 Apr/avr 2002 ZA
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF MAKING SALT

• PROCEDE DE PRODUCTION DE SEL

(71) TECHNICAL AND COMMERCIAL
SERVICES INTERNATIONAL LIM-
ITED [GB/GB]; 8 Bedern Bank, Ripon,
York, Yorkshire HG41PE (GB). FORUM
PRODUCTS LIMITED [GB/GB]; 41 - 51
Brighton Road, Redhill, Surrey RH16YS
(GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STEDMAN, David, George [ZA/ZA];
43 Hartshorne Street, Rynfield, 1501
Benoni (ZA). KENYON, Robert, Fletcher
[GB/GB]; 156 Croydon Road, Reigate, Sur-
rey RH20NG (GB).

(74) FORBES, Craig, Paul; Adams & Adams,
Adams & Adams Place, 1140 Prospect Street,
Hatfield, PO Box 1014, 0001 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C07C 67/343, 69/732, 51/09, 59/54

(11) WO 03/087029 (13) A1

(21) PCT/JP02/11033

(22) 24 Oct/oct 2002 (24.10.2002)

(25) ja (26) ja

(30) 2002-116864 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PRODUCING α -HY-
DROXYCARBOXYLIC ACID COM-
POUND

• PROCEDE DE PRODUCTION DE COM-
POSE D'ACIDE SG(A)-HYDROXY-
CARBOXYLIQUE

(71) SUMIKA FINE CHEMICALS CO., LTD.
[JP/JP]; 1-21, Utajima 3-chome, Nishiy-
odogawa-ku, Osaka-shi, Osaka 555-0021 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAKEDA, Mitsuhiro [JP/JP]; c/o
SUMIKA FINE CHEMICALS CO., LTD.
Central Research Laboratories, 1-21, Utajima
3-chome, Nishiyodogawa-ku, Osaka-shi, Os-
aka 555-0021 (JP). GAO, Wei-Guo [CN/JP];
c/o SUMIKA FINE CHEMICALS CO.,
LTD. Central Research Laboratories, 1-21,
Utajima 3-chome, Nishiyodogawa-ku, Os-
aka-shi, Osaka 555-0021 (JP). IGI, Masami
[JP/JP]; c/o SUMIKA FINE CHEMICALS
CO., LTD. Central Research Laboratories,
1-21, Utajima 3-chome, Nishiyodogawa-ku,
Osaka-shi, Osaka 555-0021 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato
Seimei Bldg., 2-14, Fushimimachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 68/00, 69/96, C08G 64/36

(11) WO 03/087030 (13) A1

(21) PCT/JP03/03831

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-112180 15 Apr/avr 2002 JP
(15.04.2002)

(30) 2002-188215 27 Jun/juin 2002 JP
(27.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESSES FOR PRODUCING CAR-
BONIC ESTER AND PRODUCING
POLYCARBONATE

• PROCEDE DE PRODUCTION D'ESTER
CARBONIQUE ET DE POLYCARBO-
NATE

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP). IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAMOTO, Masaya [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8565 (JP). SUGIYAMA, Jun-ichi [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8565 (JP). TAKEUCHI, Kazuhiko [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTER, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8565 (JP). UEDA, Mitsuru [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTER, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8565 (JP).

(74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN DE US.

(51)⁷ C07C 69/34, 69/708, C08L 67/00, C08K 5/10

(11) WO 03/087031 (13) A1

(21) PCT/JP03/04202

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-100337 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ESTER COMPOUND, PLASTICIZER FOR BIODEGRADABLE ALIPHATIC POLYESTER RESIN, AND BIODEGRADABLE RESIN COMPOSITION

• COMPOSE ESTERIQUE, PLASTIFIANT POUR RESINE POLYESTER ALIPHATIQUE BIODEGRADABLE, ET COMPOSITION DE RESINE BIODEGRADABLE

(71) DAIHACHI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 8-13, Hiranomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJITA, Yasunori [JP/JP]; 24-24, Hikaridai 7-chome, Seika-cho, Soraku-gun, Kyoto 619-0237 (JP). SAWA, Osamu [JP/JP]; 2-9, Yamadanishi, Suita-shi, Osaka 565-0824 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 69/734, 259/10, A01N 37/50, C07C 67/343

(11) WO 03/087032 (13) A1

(21) PCT/EP03/03784

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) MI2002A000814 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANALOGOUS COMPOUNDS OF STROBILURINES AND THEIR USE AS ACARICIDES AND INSECTICIDES

• COMPOSES ANALOGUES AUX STROBILURINES ET LEUR UTILISATION EN TANT QU'ACARICIDES ET INSECTICIDES

(71) ISAGRO RICERCA S.R.L. [IT/IT]; Via Felice Casati, 20, I-20124 Milan (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VENTURINI, Isabella [IT/IT]; Via Cavour, 29, I-28062 Cameri-Novara (IT). BETTARINI, Franco [IT/IT]; Via Cadore, 4/B, I-28100 Novara (IT). CASTORO, Paolo [IT/IT]; Via Rolle 6, I-13100 Vercelli (IT). CIAPESSONI, Alessandro [IT/IT]; Via Bologna, 4, I-27100 Pavia (IT). GUSMEROLI, Marilena [IT/IT]; Via Don Valentini, 20, I-20052 Monza-Milan (IT). MEAZZA, Giovanni [IT/IT]; Via G. Pastore, 30, I-21047 Saronno-Varese (IT). PORTOSO, Domenico [IT/IT]; Via Marchesi, 9, I-26900 Lodi (IT). SARGIOTTO, Chiara [IT/IT]; Corso Francia, 212, I-10146 Torino (IT).

(74) DE GREGORI, Antonella et al. / etc.; Ing. Barzano & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 213/08, 221/00

(11) WO 03/087033 (13) A1

(21) PCT/NL03/00262

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 02076383.5 9 Apr/avr 2002 EP (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY ENRICHED COMPOUNDS

• PROCEDE DE PREPARATION DE COMPOSES ENRICHIS EN ENANTIOMERES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DASSEN, Bernardus, Hendricus, Nicolaas [NL/NL]; Rukkerweg 72, NL-6418 TX Heerlen (NL). BROXTERMAN, Quirinus, Bernardus [NL/NL]; Gelrestraat 11, NL-6151 JA Munstergeleen (NL). KAPTEIN, Bernardus [NL/NL]; Irenelaan 33, NL-6133 BE Sittard (NL).

(74) JACOBS, Monique, Sophie, Nicole; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07C 215/76, 215/80, 217/80, 223/06, C07D 213/38, 307/81, 317/58, 319/18, A61K 7/13

(11) WO 03/087034 (13) A1

(21) PCT/EP03/00097

(22) 8 Jan/jan 2003 (08.01.2003)

(25) de (26) de

(30) 102 17 270.6 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • 3-AMINOPHENOL DERIVATIVES SUBSTITUTED IN THE 2-POSITION, AND DYES CONTAINING THESE COMPOUNDS

• DERIVES DE 3-AMINOPHENOL SUBSTITUES EN POSITION 2 ET COLORANTS CONTENANT LESDITS COMPOSES

(71) WELLA AKTIENGESSELLSCHAFT [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UMBRICHT, Gisela [CH/CH]; Route du Confin 54, CH-1723 Marly (CH).

- ROSATO, Franco, Jose** [IT/CH]; Könizstrasse 194A, CH-3097 Liebefeld (CH).
BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Überstorf (CH).
- (74) **WELLA AKTIENGESSELLSCHAFT**; RP, Berliner Allee 65, 64274 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 225/28, 221/00, A61P 25/28
(11) WO 03/087035 (13) A1
(21) PCT/IT03/00227
(22) 11 Apr/avr 2003 (11.04.2003)
(25) it (26) en
(30) BO2002A000198 12 Apr/avr 2002 IT (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • 2,5-BIS-DIAMINE-1,4! BENZOQUINONE DERIVATIVES FOR THE TREATMENT OF ALZHEIMER'S DISEASE A PROCESS FOR THEIR PREPARATION AND INTERMEDIATES THEREFOR
• DERIVES DE BENZOQUINONE 2,5-BIS-DIAMINE-[1,4], UTILES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER, LEURS PROCÉDES DE PRÉPARATION ET INTERMÉDIAIRES UTILISÉS DANS LEDIT PROCÉDE
- (71) **ALMA MATER STUDIORUM** [IT/IT]; Università'Di Bologna, Via Zamboni, 33, I-40126 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDRISANO, Vincenzo** [IT/IT]; Via Toscanini, 8, I-40136 Bologna (IT). **BAR-TOLINI, Manuela** [IT/IT]; Via Monte Coco, 14, I-61037 Mondolfo (IT). **BOLOGNESI, Maria, Laura** [IT/IT]; Via Cartoleria, 20, I-40124 Bologna (IT). **CAVALLI, Andrea** [IT/IT]; Via Jussi, 11/A, I-40128 San Lazzaro Di Savena (IT). **MELCHIORRE, Carlo** [IT/IT]; Via Faenza, 7, I-40139 Bologna (IT). **RECANATINI, Maurizio** [IT/IT]; Via Emilia Ponente, 250/2, I-40132 Bologna (IT).
- (74) **JORIO, Paolo** et al. / etc.; c/o Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07C 227/32, 229/36, C07D 233/80
(11) WO 03/087036 (13) A1
(21) PCT/US03/08460
(22) 28 Mar/mar 2003 (28.03.2003)
(25) en (26) en
(30) 60/371,651 10 Apr/avr 2002 US (10.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STEREOSELECTIVE PROCESS FOR THE SYNTHESIS OF (D)-2-AMINO-5-PHENYLPENTANOIC OR ALKYL ESTER THEREOF
• PROCESSUS STERÉOSELECTIF POUR LA SYNTHÈSE DE (D)-2-AMINO-5-PHENYLPENTANOÏQUE OU DE L'ESTER ALKYLIQUE DE CELUI-CI
- (71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COMBS, Tonya, Lynn** [US/US]; 8430 Nuckols Lane, Indianapolis, IN 46237 (US).
- (74) **BOUDREAUX, William, R.** et al. / etc.; Eli Lilly And Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(u) for / pour US only / seulement
- (51)⁷ C07C 233/05, C07D 311/04, 215/02, 471/02, 277/62, 235/02, 401/04, 495/02, A61K 31/165, 31/34, 31/47, 31/44, 31/425, 31/415, 31/38
(11) WO 03/087037 (13) A1
(21) PCT/US03/09800
(22) 1 Apr/avr 2003 (01.04.2003)
(25) en (26) en
(30) 60/370,553 5 Apr/avr 2002 US (05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SUBSTITUTED ARYL AMIDES
• ARYLAMIDES SUBSTITUTE
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAGMANN, William, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LIN, Linus, S.** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SHAH, Shrenik, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07C 233/63, 231/22
(11) WO 03/087038 (13) A1
(21) PCT/EP03/03864
(22) 14 Apr/avr 2003 (14.04.2003)
(25) en (26) en
(30) 60/372,625 15 Apr/avr 2002 US (15.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CRYSTAL FORMS OF N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE
• FORMES CRISTALLINES DE N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE
- (71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) SUTTON, Paul, Allen [US/US]; 34 Irvington Road, Parsippany, NJ 07054 (US).

(74) GROS, Florent; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PH PL PT RO RU SC SE SG SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C07C 233/63, 231/24

(11) WO 03/087039 (13) A1

(21) PCT/JP03/04686

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111963 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL NATEGLINIDE CRYSTAL

• NOUVEAU CRISTAL DE NATEGLINIDE

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-0031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOGUCHI, Yoshihito [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). NAKAO, Tomoko [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). SUMIKAWA, Michito [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP).

(74) NAKAMURA, Minoru et al. / etc.; NAKAMURA & PARTNERS, Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 235/00

(11) WO 03/087040 (13) A2

(21) PCT/US03/11468

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,511 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MIMICS OF ACYL COENZYME-A COMPRISING PANTOLACTONE AND PANTOTHENIC ACID DERIVATIVES, COMPOSITIONS THEREOF, AND METHODS OF CHOLESTEROL MANAGEMENT AND RELATED USES

• MIMIQUES D'ACYL-COENZYME A COMPRENANT DES DERIVES DE PANTOLACTONE ET D'ACIDE PANTOTHENIQUE, LEURS COMPOSITIONS, METHODES DE REGULATION DU TAUX DE CHOLESTEROL ET UTILISATIONS ASSOCIEES

(71) ESPERION THERAPEUTICS, INC. [US/US]; 3621 South State Street, 695 KMS Place, Ann Arbor, MI 48101 (US).

(72) DASSEUX, Jean-Louis; 7898 Huron Oak Drive, Brighton, MI 48116 (US). ONICIU, Carmen, Daniela; 125 Lake Village Drive, Ann Arbor, MI 48103 (US).

(74) INSOGNA, Anthony, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 253/30, 253/34

(11) WO 03/087041 (13) A1

(21) PCT/EP03/03654

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 02008246.7 18 Apr/avr 2002 EP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTINUOUS PROCESS FOR THE MANUFACTURE OF 3-HYDROXY PROPIONITRILE

• PROCEDE CONTINUE DE FABRICATION DE 3-HYDROXYPROPIONITRILE

(71) ROCHE VITAMINS AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELBER, Andreas [DE/DE]; Solvayplatz 55, 79639 Grenzach-Wyhlen (DE). SPRUIJTENBURG, Robert [NL/CH]; Rosenweg 9, CH-4153 Reinach (CH).

(74) PANES, Nigel; 124 Grenzacherstrasse, CH-4070 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 255/23, A61L 24/04

(11) WO 03/087042 (13) A1

(21) PCT/US03/11404

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,634 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OCCLUSIVE COMPOSITION COMPRISING A POLY (2-CYANOACRYLATE) MONOMER

• COMPOSITION OCCLUSIVE CONTENANT UN MONOMERE POLY (2-CYANOACRYLATE)

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).

(72) PORTER, Stephen, C.; 247 Felicio Common, Fremont, CA 94536 (US).

(74) BURSE, David, T.; Bingham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07C 273/04

(11) WO 03/087043 (13) A1

(21) PCT/NL03/00244

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 1020388 15 Apr/avr 2002 NL (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR THE PREPARATION OF UREA

• PROCEDE POUR LA PREPARATION D'UREE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENNEN, Johannes, Henricus** [NL/NL]; Donk 38, NL-5768 XN Meijel (NL). **GEVERS, Lambertus, Wilhelmus** [NL/NL]; Burgemeester Smeetsstraat 54, NL-6151 GP Munstergeleen (NL).

(74) **SCHULTUS, Irma**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 275/00

(11) WO 03/087044 (13) A2

(21) PCT/DK03/00232

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PA 2002 00518 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00757 16 May/mai 2002 DK (16.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL CARBOXAMIDE COMPOUNDS FOR USE IN MCH RECEPTOR RELATED DISORDERS

• NOUVEAUX COMPOSES CARBOXAMIDE UTILES POUR SOIGNER LES TROUBLES ASSOCIES AU RECEPTEUR MCH

(71) 7TM PHARMA A/S [DK/DK]; Fremtidsvej 3, DK-2970 Hørsholm (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ULVEN, Trond** [SE/DK]; Neils Brocks Gade 6, DK-1574 Copenhagen K (DK). **HÖGBERG, Thomas** [SE/SE]; Kabbarsvågen 6, SE-232 52 Åkarp (SE). **ELLING, Christian, E.** [DK/DK]; Viktoriagade 3, 1.th., DK-1655 Copenhagen V (DK). **NØRREGAARD, Pia, Karina** [DK/DK]; Johan Wilmannsvej 27, st tv, DK-2800 Kgs. Lyngby (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen V (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 275/28, 237/34, A61K 31/167, 31/17, A61P 3/04, 3/10

(11) WO 03/087045 (13) A1

(21) PCT/DK03/00231

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PA 2002 00519 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00520 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00524 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 01818 25 Nov/nov 2002 DK (25.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL METHOXYBENZAMIDE COMPOUNDS FOR USE IN MCH RECEPTOR RELATED DISORDERS

• NOUVEAUX COMPOSES DE METHOXYBENZAMIDE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DES TROUBLES LIES AU RECEPTEUR DE MCH

(71) 7TM PHARMA A/S [DK/DK]; Fremtidsvej 3, DK-2970 Hørsholm (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖGBERG, Thomas** [SE/SE]; Kabbarsvågen 6, SE-232 52 Åkarp (SE). **BJURLING, Anna, Emelie** [SE/SE]; Andrégatan 8, SE-211 40 Malmö (SE). **RECEVEUR, Jean-Marie** [FR/DK]; Lyøvej 30, 2. th, DK-2000 Frederiksberg (DK). **LITTLE, Paul, Brian** [GB/DK]; Niels Brocks Gade 6, DK-1574 Copenhagen K (DK). **ELLING, Christian, E.** [DK/DK]; Viktoriagade 3, 1.th., DK-1655 Copenhagen V (DK). **NØRREGAARD, Pia, Karina** [DK/DK]; Johan Wilmannsvej 27, st tv, DK-2800 Kgs. Lyngby (DK). **ULVEN, Trond** [SE/DK]; Niels Brocks Gade 6, DK-1574 Copenhagen K (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 275/28, 237/48, A61K 31/167, 31/17, A61P 3/04, 3/10

(11) WO 03/087046 (13) A1

(21) PCT/DK03/00233

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PA 2002 00517 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00521 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00522 9 Apr/avr 2002 DK (09.04.2002)

(30) PA 2002 00523 9 Apr/avr 2002 DK (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL AMINOTETRALINE COMPOUNDS FOR USE IN MCH RECEPTOR RELATED DISORDERS

• NOUVEAUX COMPOSES AMINOTETRALINE UTILES POUR SOIGNER LES TROUBLES ASSOCIES AU RECEPTEUR MCH

(71) 7TM PHARMA A/S [DK/DK]; Fremtidsvej 3, DK-2970 Hørsholm (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RECEVEUR, Jean-Marie** [FR/DK]; Lyøvej 30, 2. th, DK-2000 Frederiksberg (DK). **HÖGBERG, Thomas** [SE/SE]; Kabbarsvågen 6, SE-232 52 Åkarp (SE). **LITTLE, Paul, Brian** [GB/DK]; Niels Brocks Gade 6, DK-1574 Copenhagen K (DK). **BJURLING, Anna, Emelie** [SE/SE]; Andrégatan 8, SE-211 40 Malmö (SE). **ELLING, Christian, E.** [DK/DK]; Viktoriagade 3, 1.th., DK-1655 Copenhagen V (DK). **NØRREGAARD, Pia, Karina** [DK/DK]; Johan Wilmannsvej 27, st tv, DK-2800 Kgs. Lyngby (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 323/23

(11) WO 03/087047 (13) A1

(21) PCT/KR02/00948

(22) 20 May/mai 2002 (20.05.2002)

(25) ko (26) en

(30) 2002/19734 11 Apr/avr 2002 KR
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METAL CHELATE COMPOSITION,
MACROMOLECULE COMPLEX
THEREOF, PREPARING METHOD
THEREOF AND USE• COMPOSITION DE CHELATE METAL-
LIQUE, SON COMPLEXE MACROMO-
LECULAIRE, SON PROCÉDE DE PRE-
PARATION ET SON UTILISATION(71) PEPTRON CO., LTD. [KR/KR]; 358-19,
Doryong-dong, Yuseong-gu, 305-340 Dae-
jeon (KR).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KIM, Seong-Kyu [KR/KR]; 103-1609,
Expo apt., Jeonmin-dong, Yuseong-gu,
305-761 Daejeon (KR). CHOI, Ho-Il
[KR/KR]; 108-901, Hanul apt., Sin-
seong-dong, Yuseong-gu, 305-707 Dae-
jeon (KR). JUNG, Young-Hwan [KR/KR];
178-4, Jungri-dong, Daedeok-gu, 306-825
Daejeon (KR). LIM, Chae-Jin [KR/KR];
126-12, Sinsong-dong, Yuseong-gu,
305-804 Daejeon (KR).(74) WONJON PATENT FIRM; 8th Floor,
Poonglim Bldg., 823-1, Yeoksam-dong,
Kangnam-gu, 135-784 Seoul (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ C07C 401/00, C07D 277/74, 277/76

(11) WO 03/087048 (13) A2

(21) PCT/PL03/00037

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 353328 11 Apr/avr 2002 PL
(11.04.2002)(30) 353832 12 May/mai 2002 PL
(12.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PREPARATION OF 24 ALKYL
ANALOGS OF CHOLECALCIFEROL
AND NON-RACEMIC COMPOUNDS• PREPARATION D'ANALOGUES AL-
KYL-24 DE CHOLECALCIFEROL ET
DE COMPOSES NON RACÉMIQUES(71) INSTYTUT FARMACEUTYCZNY
[PL/PL]; ul. Rydygiera 8, PL-01-793
Warszawa (PL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KUTNER, Andrzej [PL/PL];
ul. Surowieckiego 8 m.12, PL-02-785
Warszawa (PL). MARTYNOW, Jacek[PL/PL]; ul. Renesansowa 25 m. 5, PL-01
905 Warszawa (PL). CHODYNSKI, Michal
[PL/PL]; ul. Basniowa 5 m. 37, PL-05-800
Pruszkow (PL). SZELEJEWSKI, Wieslaw
[PL/PL]; ul. Sw. Patryka 2 m.15, PL-03-980
Warszawa (PL). FITAK, Hanna [PL/PL]; ul.
Reymonta 32 m. 261, PL-01-840 Warszawa
(PL). KRUPA, Malgorzata [PL/PL]; ul.
Plocka 15 m. 55, PL-01 231 Warszawa (PL).(74) KRYWDZIŃSKA, Ewa; Instytut Farma-
ceutyczny, ul. Rydygiera 8, PL-01-793
Warszawa (PL).(81) AT AU BA BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HR HU IL IN IS JP KR
KZ LT LU LV MD MK MX NI NO NZ PT
RO RU SE SG SK TJ TM TR UA US UZ YU
ZA.(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PT RO SE SI
SK TR).(51)⁷ C07D

(11) WO 03/087049 (13) A2

(21) PCT/EP03/03670

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 16 427.4 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMBINATIONS
CONTAINING HETEROCYCLIC COM-
POUNDS AND A NOVEL ANTI-
CHOLINERGIC AGENT• COMBINAISONS DE PRODUITS
PHARMACEUTIQUES CONTE-
NANT DES COMPOSES HETERO-
CYCLIQUES ET UN NOUVEL ANTI-
CHOLINERGIQUE(71) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG [DE/DE]; Binger Strasse
173, 55216 INGELHEIM (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BÄNHOLZER, Rolf [DE/DE];
Pfullinger Strasse 55, 70597 STUTTGART
(DE). MEADE, Christopher, John, Mon-
tagne [GB/DE]; Burgstrasse 104, 55411 BIN-
GEN (DE). MEISSNER, Helmut [DE/DE];
Hallgartenerstrasse 9, 55218 INGELHEIM
(DE). MORSCHHÄUSER, Gerd [DE/DE];
Rissegger Steige 97, 88400 BIBERACH
(DE). PAIRET, Michel [FR/DE]; Birken-
harderstrasse 6, 88400 BIBERACH (DE).
PIEPER, Michael, P. [DE/DE]; Geschwis-
ter-Scholl-Strasse 45, 88400 BIBERACH
(DE). POHL, Gerald [DE/DE]; Akazienweg
12, 88400 BIBERACH (DE). REICHL,
Richard [DE/DE]; Im Hippel 55, 55435
GAU-ALGESHEIM (DE). SPECK, Georg
[DE/DE]; In der Bitz 10, 55218 INGELHEIM
AM RHEIN (DE).(74) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG; Binger Strasse 173,
55216 INGELHEIM (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TRTT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C07D

(11) WO 03/087050 (13) A2

(21) PCT/FR03/00507

(22) 17 Feb/fév 2003 (17.02.2003)

(25) fr (26) fr

(30) 02/04847 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL PERINDOPRIL SALT AND
PHARMACEUTICAL COMPOSITIONS
CONTAINING SAME• NOUVEAU SEL DE PERINDOPRIL ET
LES COMPOSITIONS PHARMACEU-
TIQUES QUI LE CONTIENNENT(71) LES LABORATOIRES SERVIER
[FR/FR]; 12, place de la Défense, F-92415
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les États désignés sauf US)*(72, 75) DAMIEN, Gérard [FR/FR]; 37, rue A.
Gault, F-45000 Orléans (FR). LEFOULON,
François [FR/FR]; 33, rue Jules Lemaître,
F-45000 Orléans (FR). MARCHAND,
Bernard [FR/FR]; 15, rue Basse, F-78480
Verneuil sur Seine (FR).(74) LES LABORATOIRES SERVIER; Direc-
tion Brevets, 12, place de la Défense, F-92415
Courbevoie Cedex (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).(51)⁷ C07D

(11) WO 03/087051 (13) A2

(21) PCT/US03/10831

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,938 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR IDENTIFYING AL-
LOSTERIC SITES• PROCÉDES D'IDENTIFICATION DE
SITES ALLOSTÉRIQUES(71) SUNESIS PHARMACEUTICALS, INC.
[US/US]; 341 Oyster Point Boulevard, South
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(72, 75) **ERLANSON, Daniel, A.** [US/US]; 1312 32nd Avenue, San Francisco, CA 94122 (US). **HANSEN, Stig, K.** [DK/US]; 5606 Ludwig Avenue, El Cerrito, California 94530 (US). **HARDY, Jeanne** [US/US]; 93 Chestnut Avenue, South San Francisco, CA 94080 (US). **LAM, Joni** [US/US]; 2520 Hillegass Avenue #206, Berkeley, CA 94704 (US). **O'BRIEN, Thomas** [IE/US]; 1607 35th Avenue, San Francisco, CA 94122 (US).

(74) **DREGER, Ginger, R.**; Heller, Ehrman, White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) WO 03/087052 (13) A2

(21) PCT/US03/10995

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,832 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DYES AND FLUORESCENT COMPOUNDS
• COLORANTS ET COMPOSES FLUORESCENTS

(71, 72) **TERPETSCHNIG, Ewald, A.** [AT/US]; 22555 Nadine Circle 239, Torrance, CA 90505 (US). **PATSENKER, Leonid** [UA/UA]; ** (**). **TATARETS, Anatolij** [UA/UA]; ** (**). **FEDYUNYAEVA, Irina** [UA/UA]; ** (**). **BOROVY, Igor** [UA/UA]; ** (**).

(74) **ABNEY, James, R.**; Kolish Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) WO 03/087053 (13) A2

(21) PCT/US03/11442

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,649 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REAGENT AND PROCESS FOR PROTECTING NUCLEOSIDE ACTIVE GROUPS
• REACTIF ET PROCÉDE DE PROTECTION DE GROUPES DE NUCLEOSIDES ACTIFS

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 111 Franklin Street, 5th floor, Oakland, CA 94607 (US).

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(72, 75) **SANGHVI, Yogesh, S.** [US/US]; 2802 Crystal Ridge Road, Encinitas, CA 92024-6615 (US). **THEODORAKIS, Emmanuel, A.** [US/US]; 3905 Caminito Terviso, San Diego, CA 92122-1980 (US). **WEN, Ke** [CN/US]; 7984 Camino Jonata, San Diego, CA 92122 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) WO 03/087054 (13) A2

(21) PCT/US03/06217

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 10/121,216 10 Apr/avr 2002 US (10.04.2002)

(30) 60/377,034 1 May/mai 2002 US (01.05.2002)

(30) 10/374,499 25 Feb/fév 2003 US (25.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR IDENTIFYING COMPOUNDS THAT MODULATE ENZY-MATIC ACTIVITY
• METHODES D'IDENTIFICATION DE COMPOSES MODULANT L'ACTIVITE ENZYMATIQUE

(71) **SUNESIS PHARMACEUTICALS, INC.** [US/US]; 341 Oyster Point Blvd, South San Francisco, CA 94080 (US).

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(72, 75) **ERLANSON, Daniel, A.** [US/US]; 1312 32nd Avenue, San Francisco, CA 94122 (US). **MCDOWELL, Robert, S.** [US/US]; 1264 Church Street, San Francisco, CA 94114 (US). **HANSEN, Stig** [US/US]; 5606 Ludwig Avenue, El Cerrito, CA 94530 (US).

(74) **DREGER, Ginger, R.**; Heller, Ehrman, White & McAuliffe, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 209/56, C07C 223/06

(11) WO 03/087055 (13) A1

(21) PCT/US03/07276

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/116,052 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED CC-1065 ANALOG SYN-THESIS
• SYNTHÈSE D'ANALOGUES CC-1065

(71) **IMMUNOGEN, INC.** [US/US]; 128 Sidney Street, Cambridge, MA 02139-4239 (US).
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(72, 75) **CHARI, Ravi, V.J.** [US/US]; 174 Winchester Street, Newton, MA 02461 (US). **ZHAO, Robert, Yongxin** [CN/US]; 200 Warren Street, Watertown, MA 02472 (US).

(74) **HISSONG, Drew** et al. / etc.; SUGHRUE MION, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ C07D 213/53, 401/12, 213/61, 213/63, 213/65, 213/70, 213/73, 213/74, 213/84, 405/12, 213/69, 213/48, 213/50, 213/68, 409/12, 413/12, 417/12, A01N 43/00, 43/50, 43/54, 43/56, 43/80
- (11) WO 03/087056 (13) A1
- (21) PCT/JP03/04746
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) ja (26) ja
- (30) 2002-111582 15 Apr/avr 2002 JP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL OXIME O-ETHER COMPOUND, PRODUCTION PROCESS, AND AGRICULTURAL OR HORTICULTURAL BACTERICIDE
- NOUVEAU COMPOSE OXIME O-ETHER, PROCEDE DE PRODUCTION, ET BACTERICIDE AGRICOLE OU HORTICOLE
- (71) NIPPON SODA CO.,LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
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- (72, 75) ICHINARI, Daisuke [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). TANIGAWA, Hisashi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). SANO, Hiroshi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). HAMAMURA, Hiroshi [JP/JP]; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP). MITANI, Akira [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). ITO, Shuichi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). ANDO, Takahiro [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP).
- (74) MATSUHASHI, Yasusuke; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 213/61, 213/64, 213/65, 213/70, 213/73, 213/74, 213/84, 405/12, A01N 43/40
- (11) WO 03/087058 (13) A1
- (21) PCT/JP03/04747
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) ja (26) ja
- (30) 2002-111592 15 Apr/avr 2002 JP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL OXIME O-ETHER COMPOUND, PRODUCTION PROCESS,
- 211/34, 401/04, 403/12, 405/06, 401/06, 417/06, 295/14
- (11) WO 03/087057 (13) A1
- (21) PCT/GB03/01442
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 0207863.2 5 Apr/avr 2002 GB (05.04.2002)
- (30) 0229930.3 21 Dec/déc 2002 GB (21.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BENZAMIDE DERIVATIVES USEFUL AS HISTONE DEACETYLASE INHIBITORS
- DERIVES DE BENZAMIDE UTILES EN TANT QU'INHIBITEURS D'HISTONE DEACETYLASE
- (71) ASTRAZENECA AB [SE/SE]; Sodertalje, S-151 85 (SE).
- (for all designated States except / pour tous les États désignés sauf MG US)*
- (71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).
- (only for / seulement pour MG)*
- (72, 75) STOKES, Elaine, Sophie, Elizabeth [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). ROBERTS, Craig, Anthony [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). WARING, Michael, James [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) ASTRAZENECA; Global Intellectual Property, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 213/56, 215/12, 237/08, 307/54, 277/30, 239/26, 239/42, 495/04, A61K 31/435, 31/495, A61P 35/00, C07D 277/24, 409/04, 213/74, 487/04, 241/20, 251/18,
- AND AGRICULTURAL OR HORTICULTURAL BACTERICIDE
- NOUVEAU COMPOSE D'OXIME O-ETHER, PROCEDE DE PRODUCTION ET BACTERICIDE AGRICOLE OU HORTICOLE
- (71) NIPPON SODA CO.,LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ICHINARI, Daisuke [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). MITANI, Akira [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). SANO, Hiroshi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). HAMAMURA, Hiroshi [JP/JP]; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP). ANDO, Takahiro [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP).
- (74) MATSUHASHI, Yasusuke; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51) C07D 221/16
- (11) WO 03/087059 (13) A2
- (21) PCT/IN03/00150
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 332-MUM-2002 8 Apr/avr 2002 IN (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ANTIHISTAMINIC COMPOUNDS
- COMPOSES ANTI-HISTAMINIQUES
- (71) SUN PHARMACEUTICAL INDUSTRIES LIMITED [IN/IN]; ACME PLAZA, ANDHERI KURLA ROAD, ANDHERI, 400059 MUMBAI (IN).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BHATT, Isha, Harshang [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). SAMANTA, Biswajit [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). PAL, Ranjan, kumar [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA

ROAD, AKOTA, 390020 BARODA (IN). CHITTURI, Trinadha, Rao [IN/IN]; SUN PHRAMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). THENNATI, Rajaman-nar [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for all designations / pour toutes les désignations; (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07D 221/20, 401/04, 405/04, 413/04, 417/04, A61K 31/4747, A61P 35/00, 33/00

(11) WO 03/087060 (13) A1

(21) PCT/EP03/03285

(22) 28 Mar/mar 2003 (28.03.2003)

(25) de (26) de

(30) 102 17 046.0 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FREDERICAMYCIN DERIVATIVES
• DERIVES DE FREDERICAMYCINE

(71) BIOLEADS GMBH [DE/DE]; Waldhofer Strasse 104, 69123 Heidelberg (DE).
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(72, 75) WERNER, Simon [DE/DE]; In der Leihwiese 29, 55595 Hüffelsheim (DE). UL-RICH, Abel [DE/DE]; Angelweg 2, 69121 Heidelberg (DE).

(74) SCHMIDT-EVERS, Jürgen; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 231/12, 231/14, 231/38, 401/04, 401/12, 403/12, 417/04, 417/12, A61K 31/41, 31/415, 31/427, 31/4439, 31/4709, 31/506, A61P 29/00, C07D 521/00

(11) WO 03/087061 (13) A1

(21) PCT/IB03/01277

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/372,047 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PYRAZOLE COMPOUNDS AS ANTI-INFLAMMATORY AND ANALGESIC AGENTS

• COMPOSES DE PYRAZOLE EN TANT QU'AGENTS ANTI-INFLAMMATOIRES ET ANALGESIQUES

(71) PFIZER PHARMACEUTICALS INC. [JP/JP]; Mitsui Building, 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0461 (JP).
(only for / seulement pour JP)

(71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
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(72, 75) HIRANO, Misato [JP/JP]; Pfizer Global Research and Development, 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). NAKAO, Kazunari [JP/JP]; Pfizer Global Research and Development, 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). NUKUI, Seiji [JP/JP]; Pfizer Global Research and Development, 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). YAMAGISHI, Tatsuya [JP/JP]; Pfizer Global Research and Development, 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 231/12, 401/04, 307/46, 263/38, 277/34, 261/08, A61K 31/34, 31/415, 31/42, 31/425, 31/44, A61P 29/00

(11) WO 03/087062 (13) A2

(21) PCT/IN03/00133

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 327/MUM/2002 5 Apr/avr 2002 IN (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEW HETEROCYCLIC COMPOUNDS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN MEDICINE

• COMPOSES HETEROCYCLIQUES, PROCEDE DE PREPARATION DE CES COMPOSES ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT, ET UTILISATIONS EN MEDECINE

(71) CADILA HEALTHCARE LIMITED [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).

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(72, 75) LOHRAY, Braj, Bhushan [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). LOHRAY, Vidy, Bhushan [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). JAIN, Mukul, R. [IN/IN]; Zydus Towers, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India (IN). PATEL, Gautam, D. [IN/IN]; Zydus Towers, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India (IN). PINGALI, Harikishore [IN/IN]; Zydus Towers, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj and Associates, E-556 Greater Kailash II, New Delhi 110 048, Maharashtra (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 233/26, A61K 31/4164, C07D 403/12, A61P 29/00

(11) WO 03/087063 (13) A1

(21) PCT/US03/11618

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/123,027 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMIDAZOLIDINE COMPOUNDS AS CHEMOKINE RECEPTOR MODULATORS

• COMPOSES D'IMIDAZOLIDINE UTILISES COMME MODULATEURS DES RECEPTEURS DES CHIMIOKINES

(63) US 10/123,027 (CIP) 12 Apr/avr 2002 (12.04.2002)

(71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-Chome, Chiyoda-ku, Tokyo, 100-8185 (JP). MILLENIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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(72, 75) OHSHIMA, Etsuo [JP/JP]; 2-223, Edogawadai-Nishi, Nagareyama-shi, Chiba (JP). SONE, Hiroki [JP/JP]; Y403-2-129, Sunagawa, Aza, Taketoyo-cho, Chita-gun, Aichi (JP). KOTERA, Osamu [JP/JP]; 1064-11, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka (JP). LULY, Jay, R. [US/US]; 24 Damien Road, Wellesley, MA 02181 (US). LAROSA, Gregory, J. [US/US]; 16 Alameda Road, West Roxbury, MA 02132 (US).

(74) CARROLL, Alice, O. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 239/48, 239/42, 239/60, 239/50, 401/04, 405/12, 409/12, 471/04, 487/04, A61K 31/505, A61P 11/08, C07D 403/04

(11) WO 03/087064 (13) A1

(21) PCT/EP03/03299

(22) 29 Mar/mar 2003 (29.03.2003)

(25) en (26) en

(30) 02008706.0 18 Apr/avr 2002 EP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEMICAL COMPOUNDS WITH DUAL ACTIVITY, PROCESSES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS

• COMPOSES CHIMIQUES A DOUBLE ACTIVITE, PROCEDES DE LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES

(71) UCB, S.A. [BE/BE]; Allée de la Recherche, 60, B-1070 Bruxelles (BE).

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(72, 75) PROVINS, Laurent [BE/BE]; Clos des Platanes 6, B-7060 SOIGNIES (BE). VAN KEULEN, Berend Jan [NL/BE]; Avenue Gabrielle Petit 54 R2, B-1480 TUBIZE (BE). SURTEES, John [GB/BE]; Keizerlaan, 7, B-3090 JEZUS-EIK (OVERIJSE) (BE). TALAGA, Patrice [FR/BE]; Avenue E. Van Becelaere, 24 A/18, B-1170 WATERMAEL-BOITSFORT (BE). CHRISTOPHE, Bernard [BE/BE]; rue d'Albroux, 10, B-1367 RAMILLIES (BE).

(74) LECHIE, Monique et al. / etc.; UCB, S.A., Intellectual Property Department, Allée de la Recherche, 60, B-1070 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 239/49, A61K 31/505

(11) WO 03/087065 (13) A1

(21) PCT/US03/10944

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,591 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHIBITORS OF GLYCINAMIDE RIBONUCLEOTIDE TRANSFORMYLASE

• INHIBITEURS DE LA TRANSFORMYLASE DE LA GLYCINAMIDE RIBONUCLEOTIDE

(71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOGER, Dale, L. [US/US]; 2819 Via Posada, La Jolla, CA 92037 (US).

(74) NORTHRUP, Thomas, E. et al. / etc.; THE SCRIPPS RESEARCH INSTITUTE, 10550 North Torrey Pines Road, TPC-8, La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 241/04, C07C 259/06

(11) WO 03/087066 (13) A1

(21) PCT/KR03/00721

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10-2002-0019712 11 Apr/avr 2002 KR (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • α,β -UNSATURATED HYDROXAMIC ACID DERIVATIVES AND THEIR USE AS HISTONE DEACETYLASE INHIBITORS

• DERIVES D'ACIDE HYDROXAMIQUE α,β -INSATURÉS ET LEUR UTILISATION COMME INHIBITEURS DE L'HISTONE DESACETYLASE

(71) SK CHEMICALS, CO., LTD. [KR/KR]; 600 Jungja 1-dong, Jangnan-ku, Suwon-shi, Kyungki-do 440-301 (KR). IN2GEN CO., LTD. [KR/KR]; 6th Floor, Cancer Research Institute, Seoul National University College of Medicine, 28 Yongon-dong, Chongno-gu, Seoul 110-799 (KR).

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(72, 75) KIM, Dae-Kee [KR/KR]; 4-705 Shindonga Apt., Bong-dong 481, Dongjak-ku, Seoul 156-768 (KR). LEE, Ju Young [KR/KR]; 105-1502 Dongshin Apt., 401 Jungja-dong, Jangnan-ku, Suwon-shi, Kyungki-do 440-300 (KR). LEE, Nam Kyu [KR/KR]; 123-108 Joogong Apt., 333 Chunchun-dong, Jangnan-ku, Suwon-shi, Kyungki-do 440-330 (KR). KIM, Jae-Sun [KR/KR]; 1146-3 15/5 Seryu 2-dong, Kwonsun-ku, Suwon-shi, Kyungki-do 441-112 (KR). LEE, Junwon [KR/KR]; 638-1404 Sejong Apt., Kwangjeong-dong, Gunpo-shi, Kyungki-do 435-705 (KR). LEE, Suk Ho [KR/KR]; 1204-1504 Joogong Apt., 449-6 Chulsan 3-dong, Kwangmyung-shi, Kyungki-do 423-033 (KR). CHOI, Jin Young [KR/KR]; 127-108 Chunchun-Joogong Apt., Chunchun-dong, Jangnan-ku, Suwon-shi, Kyungki-do 440-330 (KR). RYU, Je Ho [KR/KR]; 401 Samyang-villa, 654-6 Daerim 3-dong, Youngdeungpo-ku, Seoul 150-073 (KR). KIM, Nam Ho [KR/KR]; 101 1409 Hyundai Apt., Eunghang-dong, Joongwon-ku, Sungnam-shi, Kyungki-do 462-150 (KR). IM, Guang-Jin [KR/KR]; 406-1202 Hyundai Apt., 1343 Sa-dong, Ansan-shi, Kyungki-do 425-170 (KR). KIM, Tae Kon [KR/KR]; SK Chemicals Institute, Jungja-dong, Jangnan-ku, Suwon-shi, Kyungki-do 440-300 (KR). SEO, Jung-Woo [KR/KR]; 139-602 Gwanak Dream Town, Bongchun 5-dong, Gwanak-ku, Seoul 151-055 (KR). BANG, Young-Jue [KR/KR]; 120-694 Hyundai Apt.,

434 Apgujeong-dong, Kangnam-ku, Seoul 135-110 (KR).

(74) HUH, Sang-Hoon; 16th Fl., Woori Investment Bank Bldg., 826-20, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 241/18, 239/52, 237/14, 237/16, 253/06, 237/12, 239/34, 401/12, A01N 43/54, 43/58, 43/60

(11) WO 03/087067 (13) A1

(21) PCT/EP03/03467

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 558/02 3 Apr/avr 2002 CH (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARYL-ALKYNE COMPOUNDS AS HERBICIDES

• NOUVEAUX HERBICIDES

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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(72, 75) SCHAEETZER, Jürgen [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). VALENTINY, Marian [SK/SK]; Sevcenkova 16, 851 01 Bratislava (SK). CRAIG, Gerald, Wayne [US/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). WENGER, Jean [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). NEBEL, Kurt [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). STOLLER, André [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). HALL, Roger, Graham [GB/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).

(74) BASTIAN, Werner; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 263/52, 413/12

(11) WO 03/087068 (13) A1

(21) PCT/US03/12279

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,176 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PREPARING HETEROARYL AND UNSATURATED HETEROCYCLOALKYLMAGNESIUM REAGENTS AND USES

• PROCÉDE CONCERNANT L'ÉLABORATION DE REACTIFS A BASE D'HETEROARYLE ET D'HETEROCYCLOALKYLMAGNESIUM INSATURE, ET UTILISATIONS CORRESPONDANTES

(71) AXYS PHARMACEUTICALS, INC. [US/US]; 180 Kimball Way, South San Francisco, CA 94080 (US). AVENTIS PHARMACEUTICALS, INC. [US/US]; P.O. Box 6800, MC EMC-G1; Route 202-206, Bridgewater, NJ 08807 (US).

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(72, 75) LI, Jiayao [CN/US]; 888 Foster City Boulevard #E5, Foster City, CA 94404 (US). LINK, John, O. [US/US]; 12 Prospect Avenue, San Francisco, CA 94110 (US). COLLADANT, Colette [FR/US]; 300 Somerset Boulevard, Bridgewater, NJ 08807-2854 (US).

(74) KEZER, William, B. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 275/00

(11) WO 03/087069 (13) A2

(21) PCT/US03/08680

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 0208116.4 9 Apr/avr 2002 GB (09.04.2002)

(30) 60/371,271 9 Apr/avr 2002 US (09.04.2002)

(30) 0208117.2 9 Apr/avr 2002 GB (09.04.2002)

(30) 60/371,270 9 Apr/avr 2002 US (09.04.2002)

(30) 0208118.0 9 Apr/avr 2002 GB (09.04.2002)

(30) 60/371,278 9 Apr/avr 2002 US (09.04.2002)

(30) 0208119.8 9 Apr/avr 2002 GB (09.04.2002)

(30) 60/371,275 9 Apr/avr 2002 US (09.04.2002)

(30) 0208120.6 9 Apr/avr 2002 GB (09.04.2002)

(30) 60/371,277 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GROWTH HORMONE SECRETAGOGUES

• SECRETAGOGUES D'HORMONE DE CROISSANCE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EVERS, Britta [DE/DE]; Lilly Forschung, Essener Strasse 93, 22419 Hamburg (DE). RUEHTER, Gerd [DE/DE]; Lilly Forschung, Essener Strasse 93, 22419 Hamburg (DE). TEBBE, Mark, Joseph [US/DE]; Lilly Forschung, Essener Strasse 93, 22419 Hamburg (DE). MARTIN DE LA NAVA, Eva, Maria [ES/ES]; Lilly S. A., Avenida de la Industria 30, 28100 Alcobendas (ES).

(74) SALES, James, J. et al. / etc.; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC

- Shinjuku-ku, Tokyo 160-8515 (JP). NAKA-MURA, Masaki [JP/JP]; c/o. MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). MIZUNO, Masashi [JP/JP]; c/o. MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). MORI, Sadao [JP/JP]; Hyumanzu Tosu 1202, 993-1, Akibacho 1-chome, Tosu-shi, Saga 841-0036 (JP).
- (74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 279/16, 411/04, 339/08, 419/12, A61K 31/397, 31/4025, 31/4035, 31/55, A61P 5/32
- (11) WO 03/087073 (13) A1
- (21) PCT/US03/10518
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/371,910 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ESTROGEN RECEPTOR MODULATORS
• MODULATEURS DES RECEPTES D'OESTROGENES
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
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- (72, 75) DININNO, Frank, P. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HAMMOND, Milton Lloyd [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 301/02, 303/48, C07C 323/41
- (11) WO 03/087075 (13) A1
- (21) PCT/GB03/01436
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 0207770.9 4 Apr/avr 2002 GB (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ASYMMETRIC SYNTHESIS OF GLYCIDIC AMIDES
• SYNTHÈSE ASYMETRIQUE D'AMIDES GLYCIDIQUES
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07D 295/215, 295/145, A61K 31/5377, A61P 9/00, 9/10, 39/06, 9/06, 29/00
- (11) WO 03/087074 (13) A1
- (21) PCT/JP03/04798
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) ja (26) ja
- (30) 2002-112865 16 Apr/avr 2002 JP (16.04.2002)
- (30) 2002-228230 6 Aug/août 2002 JP (06.08.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PHENOL COMPOUND, PROCESS FOR PRODUCING THE SAME, AND INTERMEDIATE THEREFOR
• COMPOSE PHENOL, PROCESSUS DE PRODUCTION DE CE COMPOSE ET INTERMEDIAIRE A CET EFFET
- (71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUMURA, Kuniharu [JP/JP]; 5-2-203, Kawaguchi 5-chome, Kawaguchi-shi, Saitama 332-0015 (JP). SARUTA, Kunio [JP/JP]; 9-15-1006, Yoshino 2-chome, Fukushima-ku, Osaka-shi, Osaka 553-0006 (JP). FURUKUBO, Shigeru [JP/JP]; 36-6-203, Inadera 1-chome, Amagasaki-shi, Hyogo 661-0981 (JP). OGIKU, Tsuyoshi [JP/JP]; 1-25-401, Sakae-cho 2-chome, Kawaguchi-shi, Saitama 332-0017 (JP).
- (74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 301/19, 303/04, C07C 15/46, 1/24
- (11) WO 03/087076 (13) A1
- (21) PCT/EP03/03790
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 02252618.0 12 Apr/avr 2002 EP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR THE PRODUCTION OF PROPYLENE OXIDE
• PROCÉDÉ POUR PRODUIRE DE L'OXYDE DE PROPYLENE
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
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- (72, 75) BOELEN, Minne [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). NISBET, Timothy, Michael [GB/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 305/14, 263/06, 413/12
- (11) WO 03/087077 (13) A1
- (21) PCT/EP03/03017
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en

(30) MI2002 A 000782 **12 Apr/avr 2002** IT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SEMI-SYNTHETIC PROCESS FOR THE PREPARATION OF N DEBENZOYLPACLITAXEL

• PROCEDE SEMI-SYNTHETIQUE DE PREPARATION DE N- DEBENZOYLPACLITAXEL

(71) INDENA S.P.A. [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).

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(72, 75) BOMBARDELLI, Ezio [IT/IT]; Via Val di Sole, 22, I-20141 Milano (IT). FONTANA, Gabriele [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).

(74) MINOJA, Fabrizio et al. / etc.; Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 305/14

(11) WO 03/087078 (13) A1

(21) PCT/US03/10556

(22) 5 Apr/avr 2003 (05.04.2003)

(25) en (26) en

(30) 60/370,252 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SELECTIVE ACYLATION OF SECONDARY HYDROXYL GROUPS

• ACYLATION SELECTIVE DE GROUPES HYDROXYLE SECONDAIRES

(71) NATURAL PHARMACEUTICALS, INC. [US/US]; 100 Cummings Center, Suite 414G, Beverly, MA 01915 (US).

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(72, 75) JOHNSON, James, H. [US/US]; 6 Central Street, Merrimac, MA 01860 (US). PARIZA, Richard, J. [US/US]; 43323 No. Oakcrest Lane, Zion, IL 80099 (US). GALLAGHER, Rex, T. [US/US]; 22 Old Town Road, Beverly, MA 01915 (US).

(74) PARKER, Thomas, J.; Coudert Brothers LLP, 1114 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 305/14

(11) WO 03/087079 (13) A1

(21) PCT/US03/10557

(22) 5 Apr/avr 2003 (05.04.2003)

(25) en (26) en

(30) 60/370,583 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONVERSION OF TAXANE MOLECULES

• CONVERSION DE MOLÉCULES DE TAXANE

(71) NATURAL PHARMACEUTICALS, INC. [US/US]; 100 Cumming Center, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, James, H. [US/US]; 6 Central Street, Merrimac, MA 01860 (US). GALLAGHER, Rex, T. [US/US]; 22 Old Town Road, Beverly, MA 01915 (US). FRANK, Roland, R. [US/US]; 976 Washington Street, Gloucester, MA 01930 (US).

(74) PARKER, Thomas, J.; Coudert Brothers LLP, 1114 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 307/79, A61K 31/343, A61P 3/10, 9/00, 9/10, 9/12

(11) WO 03/087080 (13) A1

(21) PCT/JP03/04987

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116419 **18 Apr/avr 2002** JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICINAL COMPOSITION FOR IMPROVING ANGIOTENSION-REGULATING FUNCTION OF BLOOD VESSEL ENDOTHELIUM

• COMPOSITION MEDICINALE PERMETTANT D'AMELIORER LA FONCTION DE REGULATION DE L'ANGIOTENSINE DE L'ENDOTHELIUM DE VAISSEAU SANGUIN

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CYNISHI, Osamu [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KAWABE, Yoshiki [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KOMORI, Toshihiko [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 1-9, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8301 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 307/87, C07C 69/63, 33/46, 69/16

(11) WO 03/087081 (13) A1

(21) PCT/CA03/00522

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 2,381,341 **9 Apr/avr 2002** CA
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS AND INTERMEDIATES FOR PREPARING ESCITALOPRAM

• PROCEDE ET PRODUITS INTERMEDIAIRES POUR PREPARER L'ESCITALOPRAM

(71) TORCAN CHEMICAL LTD. [CA/CA]; 110 Industrial Parkway North, P.O. Box 308, Aurora, Ontario L4G 3H4 (CA).

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(72, 75) TSE, Hoi, Lun, Allan [CA/CA]; Unit 1, Crockhamhill Drive, Scarborough, Ontario M1S 3H1 (CA).

(74) JOACHIM, Roland, H. et al. / etc.; Ridout & Maybee LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 311/10
(11) WO 03/087082 (13) A1
(21) PCT/KR02/00627
(22) 9 Apr/avr 2002 (09.04.2002)
(25) ko (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • PYRANOCOUMARIN DERIVATIVES
• DERIVES PYRANOCOUMARINE
- (71) ELCOM BIOTECHNOLOGY, CO., LTD. [KR/KR]; #1004, RiverHill Officetel, 127, Kwangjang-dong, Kwangjin-ku, Seoul 151-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOON, Jeong-Seon [KR/KR]; 525, Ohyang 5-ri, Gamgok-myun, Eumseong-gun, Chungcheongbuk-do 369-850 (KR). LEE, Ji-Young [KR/KR]; 1554-19, Shillim 9-dong, Kwanak-ku, Seoul 151-019 (KR). KIM, Young-Choong [KR/KR]; Walker Hill Apt. #51-302, Kwangjang-dong, Kwangjin-ku, Seoul 143-210 (KR). LEE, Ki-Yong [KR/KR]; Gongdan 3-dong Jugong Apt. #314-204, 256, Gongdan-dong, Kumi-shi, Kyungsangbuk-do 730-030 (KR). SUNG, Sang-Hyun [KR/KR]; #602, Daehakdang Building, 116-2, Shillim 2-dong, Kwanak-ku, Seoul 151-012 (KR). KIM, Hak-Joong [KR/KR]; Walker Hill Apt. #32-101, Kwangjang-dong, Kwangjin-ku, Seoul 143-210 (KR). KANG, So-Young [KR/KR]; 103, 1551-14, Shillim 9-dong, Kwanak-ku, Seoul 151-019 (KR).
- (74) CHOI, Kyu-Pal; Halla Classic Building 4F, 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 311/36, A61K 31/35, A61P 21/06
(11) WO 03/087083 (13) A1
(21) PCT/US03/11424
(22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 10/123,068 12 Apr/avr 2002 US (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • 5-ALKYL-7-ALKYLCARBONATE-ISOFALVONE ESTER AS ISOFALVONE PRODRUG
• ESTER DE 5-ALKYL-7-ALKYLCARBONATE-ISOFALVONE EN TANT QUE PROMEDICAMENT A BASE D'ISOFLAVONE
- (71) BIOTEST LABORATORIES, LLC [US/US]; P.O. Box 60310, 1850 Reliable Circle, Colorado Springs, CO 80960 (US).
- (72) ROBERTS, William, J.; 12391 S.E. 138 Avenue, Oklawaha, FL 32179 (US).
- (74) SULLIVAN, Stephen, T. et al. / etc.; Sullivan Law Group, Suite 1140, 1850 North Central Avenue, Phoenix, AZ 85004-4586 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 333/20, 333/58, 333/22, 333/36, 333/28, 333/42, 333/44, 307/52, 207/335, 277/58, 277/40, 261/08, 231/12, 249/08, A61K 7/13
(11) WO 03/087084 (13) A1
(21) PCT/EP03/00098
(22) 8 Jan/jan 2003 (08.01.2003)
(25) de (26) de
(30) 102 17 271.4 18 Apr/avr 2002 DE (18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • 3-AMINOPHENOL DERIVATIVES AND DYES THAT CONTAIN THESE COMPOUNDS WHILE SERVING TO DYE KERATIN FIBERS
• DERIVES DE 3-AMINOPHENOL ET COLORANTS POUR FIBRES A BASE DE KERATINE, CONTENANT LES-DITS COMPOSES
- (71) WELLA AKTIENGESELLSCHAFT [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UMBRICHT, Gisela [CH/CH]; 54, route du Confin, CH-1723 Marly (CH). ROSATO, Franco, Jose [IT/CH]; Könizstrasse 194A, CH-3097 Liebefeld (CH). BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Überstorf (CH).
- (74) WELLA AKTIENGESELLSCHAFT; RP, Berliner Allee 65, 64274 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 333/70, 209/42, 307/85, C07C 311/08, C07D 409/12, 401/12, 403/12, 417/12, A61K 31/381, 31/343, 31/404, A61P 29/00
(11) WO 03/087085 (13) A1
(21) PCT/US03/11094
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 60/371,671 11 Apr/avr 2002 US (11.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • HETEROCYCLIC AMIDE DERIVATIVES AS CYTOKINE INHIBITORS
• DERIVES D'AMIDES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE CYTOKINE
- (71) BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (72) GAO, Donghong, Amy; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). GOLDBERG, Daniel, R.; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). HAMMACH, Abdelhakim; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). HAO, Ming-Hong; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). MOSS, Neil; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). QIAN, Kevin, Chung-geng; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). ROTH, Gregory, Paul; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SARKO, Christopher, Ronald; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SWINAMER, Alan, David; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). XIONG, Zhaoming; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). KAMHI, Victor, Marc; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (74) RAYMOND, Robert, P. et al. / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 401/06, A61K 31/404, A61P 43/00, C07D 405/12, 209/42, 471/04, 417/12, 401/12, 401/14

(11) WO 03/087086 (13) A2

(21) PCT/EP03/03806

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 17 006.1 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTITUTED INDOLES

• INDOLES SUBSTITUES

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) SCHADT, Oliver [DE/DE]; Eschenstrasse 32, 63517 Rodenbach (DE). BÖTTCHER, Henning [DE/DE]; Stiftstrasse 12, 64287 Darmstadt (DE). LEIBROCK, Joachim [DE/DE]; Muchlstrasse 91 a, 64319 Pfungstadt (DE). SCHIEMANN, Kai [DE/DE]; Muchlstrasse 50, 64297 Darmstadt (DE). HEINRICH, Timo [DE/DE]; Roemerhofstrasse 6, 64823 Gross-Umstadt (DE). HÖLZEMANN, Günter [DE/DE]; Gutenbergstrasse 6B, 64342 Seeheim-Jugenheim (DE). VAN AMSTERDAM, Christoph [DE/DE]; Schepp Allee 47, 64295 Darmstadt (DE). BARTOSZYK, Gerd [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE). SEYFRIED, Christoph [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 401/06, A61K 31/404, A61P 43/00, C07D 471/04, 209/08, 403/06, 401/14

(11) WO 03/087087 (13) A2

(21) PCT/GB03/01507

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0208248.5 9 Apr/avr 2002 GB (09.04.2002)

(30) 0215180.1 29 Jun/juin 2002 GB (29.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHARMACEUTICAL COMPOUNDS

• COMPOSES PHARMACEUTIQUES

(71) ASTEX TECHNOLOGY LIMITED [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).

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(72, 75) FREDERICKSON, Martyn [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB). GILL, Adrian, Liam [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB). PADOVA, Alessandro [IT/IT]; Viale Don Pasquino Borghi 150, 00144, Roma (IT). CONGREVE, Miles, Stuart [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).

(74) HUTCHINS, Dr. Michael, Richard; M. R. Hutchins & Co., 33 Connaught Way, Tunbridge Wells, Kent TN4 9QP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 401/12, 471/04, 417/12, A61K 31/47, 31/4709, 31/4375, A61P 9/10 // (C07D 471/04, 221:00, 221:00)

(11) WO 03/087088 (13) A2

(21) PCT/GB03/01550

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208280.8 10 Apr/avr 2002 GB (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL COMPOUNDS

• NOUVEAUX COMPOSES

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEACH, Colin, Andrew [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SMITH, Stephen, Allan [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) GIDDINGS, Peter, John; GlaxoSmithKline, Corporate Intellectual Property CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 401/12, 401/14, 405/14, 409/14, 413/14, 417/14, 487/04, 495/04, A61K 31/454, 31/4709, 31/5377, 31/5415, 31/4545, 31/517, A61P 1/00, 11/00, 11/02, 17/00, 27/02, 29/00, 31/18, 37/08, 43/00, 11/06

(11) WO 03/087089 (13) A1

(21) PCT/JP03/04841

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113220 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-240509 21 Aug/août 2002 JP (21.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PIPERIDINE DERIVATIVES HAVING CCR3 ANTAGONISM

• DERIVES DE PIPERIDINE POSSE-DANT UN ANTAGONISME DE CCR3

(71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMOTO, Yoshiyuki [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). IMAI, Minoru [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). SAWAI, Yoshiyuki [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). TAKEUCHI, Susumu [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). NAKANISHI, Akinobu [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). MINAMI-ZONO, Kunio [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). YOKOYAMA, Tomonori [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).

(74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 401/14, A61K 31/395, A61P 43/00, C07D 409/14, 471/04, 409/12
- (11) WO 03/087090 (13) A2
- (21) PCT/US03/09974
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (30) 60/371,350 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL HETEROARYL ALKYLAMIDE DERIVATIVES USEFUL AS BRADYKININ RECEPTOR MODULATORS
- NOUVEAUX DERIVES HETEROARYLALKYLAMIDE UTILES EN TANT QUE MODULATEURS DU RECEPTEUR DE LA BRADYKININE
- (71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; US Route 202, P.O. Box 300, Raritan, NJ 08869-0602 (US).
- (72) CARSON, John, R.; 551 Rittenhouse Blvd., Norristown, PA 19403 (US). JETTER, Michele, C.; 3036 Brambling Lane, Norristown, PA 19403 (US). LEE, Jung, S.; 1034 Ingram Ct., Ambler, PA 19002 (US). YOUNGMAN, Mark, A.; 675 E. Street Road, Warminster, PA 18974 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 403/04, A61K 31/498, A61P 9/00, 9/10, 25/00, 25/08, 25/14, 25/16, 25/18, 43/00
- (11) WO 03/087091 (13) A1
- (21) PCT/JP03/04844
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) ja (26) ja
- (30) 2002-114781 17 Apr/avr 2002 JP (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL CRYSTAL OF QUINOXALINEDIONE DERIVATIVE ANHYDRIDE
- NOUVEAU CRISTAL D'ANHYDRIDE DE DERIVE DE QUINOXALINEDIONE
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUDA, Masamichi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). KOHINATA, Takeru [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).
- (74) NAGAI, Shozo; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 403/12, 209/42, 417/12, 405/12, 401/12, 471/04, 405/14, C07F 5/02, C07K 5/10, 5/08, A61K 31/404, 38/00, A61P 31/12 // (C07D 471/04, 221:00, 221:00)
- (11) WO 03/087092 (13) A2
- (21) PCT/US03/11459
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/371,846 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INHIBITORS OF SERINE PROTEASES, PARTICULARLY HCV NS3-NS4A PROTEASE
- INHIBITEURS DE LA SERINE PROTEASE, NOTAMMENT DE LA PROTEASE NS3-NS4A DU VIRUS DE L'HEPATITE C
- (71) VERTEX PHARMACEUTICALS, INC. [US/US]; 130 Waverly Street, Cambridge, MA 02139 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PITLIK, Janos [HU/US]; 1 Robin Circle, Westborough, MA 01581 (US). COTRELL, Kevin, M. [US/US]; 54 Pearl Street, #3, Cambridge, MA 02139 (US). FARMER, Luc, J. [US/US]; 19 Howe Lane, Foxboro, MA 02035 (US). PERNI, Robert, B. [US/US]; 130 Robert Road, Marlborough, MA 01752 (US). COURTNEY, Lawrence, F. [US/US]; 5-5 Kingson Way, Medway, MA 02053 (US). VANDRIE, John, H. [US/US]; 34 Stinson Road, Andover, MA 01810 (US). MURCKO, Mark, A. [US/US]; 520 Marshall Street, Holliston, MA 01746 (US).
- (74) BADIA, Michael, C.; Vertex Pharmaceuticals, Inc., 130 Waverly Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 407/04, C07H 7/06, A61K 31/351, A61P 3/10
- (11) WO 03/087093 (13) A1
- (21) PCT/IN02/00105
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL GLUCOPYRANOSIDE, PROCESS FOR ISOLATION THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING SAME AND USE THEREOF
- NOUVEAU GLUCOPYRANOSIDE, SON PROCEDE D'ISOLATION, COMPOSITION PHARMACEUTIQUE CONTENANT LEDIT GLUCOPYRANOSIDE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) MAURYA, Rakesh; Regional Research Laboratory, Jammu (IN). SINGH, Deepa; Regional Research Laboratory, Jammu (IN). BHAGAT, Asha; Regional Research Laboratory, Jammu (IN). GUPTA, Om, Parkash; Regional Research Laboratory, Jammu (IN). HANDA, Sukhdev, Swami; Regional Research Laboratory, Jammu (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 409/14
- (11) WO 03/087094 (13) A2
- (21) PCT/EP03/03786
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 200200889 16 Apr/avr 2002 ES (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NEW PYRROLIDINIUM DERIVATIVES
- NOUVEAUX DERIVES DU PYRROLIDINIUM

(71) **ALMIRALL PRODESFARMA S.A.** [ES/ES]; Ronda del General Mitre, 151, E-08022 Barcelona (ES).

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(72, 75) **PRAT QUINONES, Maria** [ES/ES]; Calle Andrea Doria, 2, 1^o 1a, E-08003 Barcelona (ES). **FERNANDEZ FORNER, Maria, Dolors** [ES/ES]; Calle Roger de Flor 221, 5^o 4a, E-08025 Barcelona (ES).

(74) **SRINIVASAN, Ravi, Chandran;** J.A. Kemp & CO, 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 417/14, 413/14, 43/14, A61K 31/47

(11) WO 03/087095 (13) A1

(21) PCT/US03/10463

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/116,117 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • QUINOLINONE DERIVATIVES

• DERIVES DE QUINOLINONE

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RENHOWER, Paul A.** [US/US]; 262 Stetson Drive, Danville, CA 94506 (US). **PECCHI, Sabina** [IT/US]; 5834 Merriewood Drive, Oakland, CA 94506 (US). **MACHAJEWSKI, Timothy D.** [US/US]; 2514 Norwalk Court, Martinez, CA 94553 (US). **SHAFER, Cynthia M.** [US/US]; 4868 El Grande Place, El Sobrante, CA 94803 (US). **TAYLOR, Clarke** [US/US]; 612 Adams Street, Albany, CA 94706 (US). **McCREA, William R.** [US/US]; 1040 Amato Drive, Berkeley, CA 94705 (US). **McBRIDE, Christopher** [US/US]; 4504 Lawton Avenue, Oakland, CA 94609 (US). **JAZAN, Elisa** [US/US]; 520 McLaughlin Avenue, Richmond, CA 94805 (US). **HEISE, Carla** [US/US]; 436 Hawthorne Lane, Benicia, CA 94510 (US).

(74) **FRIEDRICHSEN, Bernard;** Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 451/02, A61K 31/46, A61P 11/06

(11) WO 03/087096 (13) A1

(21) PCT/EP03/03765

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 339.1 13 Apr/avr 2002 DE (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL ESTER HYDROXY-SUBSTITUTED NITROGEN HETEROCYCLES AS ANTAGONISTS OF THE MUSCARINIC M3 RECEPTOR, METHODS FOR THE PRODUCTION THEREOF, AND USE THEREOF AS A MEDICAMENT

• NOUVEAUX ESTERS D'HETEROCYCLES D'AZOTE SUBSTITUES PAR UN HYDROXY UTILISES COMME ANTAGONISTES DU RECEPTEUR M3 MUSCARINIQUE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME MEDICAMENTS

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).

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(72, 75) **PIEPER, Michael, P.** [DE/DE]; Geschwister-Scholl-Strasse 45, 88400 BIBERACH (DE). **POHL, Gerald** [DE/DE]; Akazienweg 12, 88400 BIBERACH (DE). **SPECK, Georg** [DE/DE]; In der Bitz 10, 55218 INGELHEIM AM RHEIN (DE). **GRAUERT, Matthias** [DE/DE]; Osterbergstrasse 10, 88400 BIBERACH (DE). **BREITFELDER, Steffen** [DE/DE]; Weihergasse 21, 88433 AssMANNSHARDT (DE).

(74) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG;** Binger Strasse 173, 55216 INGELHEIM (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 451/10, A61K 31/46, A61P 11/06

(11) WO 03/087097 (13) A1

(21) PCT/EP03/03669

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 16 428.2 12 Apr/avr 2002 DE (12.04.2002)

(30) 102 56 317.9 3 Dec/déc 2002 DE (03.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICAMENTS CONTAINING BETAMIMETIC DRUGS AND A NOVEL ANTICHOLINESTERASE DRUG

• MEDICAMENT CONTENANT DES BETAMIMETIQUES ET UN NOUVEL ANTICHOLINERGIQUE

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANHOLZER, Rolf** [DE/DE]; Pfullinger Strasse 55, 70597 STUTTGART (DE). **MEADE, Christopher, John, Montague** [GB/DE]; Burgstrasse 104, 55411 BINGEN (DE). **MEISSNER, Helmut** [DE/DE]; Hallgartenerstrasse 9, 55218 INGELHEIM (DE). **MORSCHHÄUSER, Gerd** [DE/DE]; Rissegger Steige 97, 88400 BIBERACH (DE). **PAIRET, Michel** [FR/DE]; Birkenharderstrasse 6, 88400 BIBERACH (DE). **PIEPER, Michael, P.** [DE/DE]; Geschwister-Scholl-Strasse 45, 88400 BIBERACH (DE). **POHL, Gerald** [DE/DE]; Akazienweg 12, 88400 BIBERACH (DE). **REICHL, Richard** [DE/DE]; Im Hippel 55, 55435 GAU-ALGESHEIM (DE). **SPECK, Georg** [DE/DE]; In der Bitz 10, 55218 INGELHEIM AM RHEIN (DE). **KONETZKI, Ingo** [DE/DE]; Müllerweg 9, 88447 WARTHAUSEN (DE).

(74) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG;** Binger Strasse 173, 55216 INGELHEIM (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/04, 513/04, 491/04, 498/04, 519/00

(11) WO 03/087098 (13) A1

(21) PCT/EP02/05708

(22) 24 May/mai 2002 (24.05.2002)

(25) en (26) en

(30) 0112834.7 25 May/mai 2001 GB (25.05.2001)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NITROGEN-CONTAINING BICYCLIC HETEROCYCLES FOR USE AS ANTIBACTERIALS

- HETEROCYCLES BICYCLIQUES
CONTENANT DE L'AZOTE ET UTILISES COMME PRODUITS ANTIBACTERIENS
- (71) SMITHKLINE BEECHAM P.L.C. [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROOKS, Gerald [GB/GB]; Glaxo-SmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). DAVIES, David, Thomas [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). JONES, Graham, Elgin [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MARKWELL, Roger, Edward [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). PEARSON, Neil, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) VALENTINE, Jill, Barbara; Corporate Intellectual Property, GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 471/04, A61K 31/437, 31/444, A61P 25/00
- (11) WO 03/087099 (13) A1
- (21) PCT/GB03/01454
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 0208392.1 11 Apr/avr 2002 GB (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMIDAZO-PYRIDINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS
• DERIVES D'IMIDAZO-PYRIDINE TENANT LIEU DE LIGANDS POUR LES RECEPTEURS GABA
- (71) MERCK SHARP & DOHME LIMITED [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIBSON, Karl, Richard [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). GOODACRE, Simon, Charles [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). HALLETT, David, James [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). STREET, Leslie, Joseph

- [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).
- (74) THOMPSON, John; Merck & Co., Inc., European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 471/04
- (11) WO 03/087100 (13) A1
- (21) PCT/KR03/00683
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10-2002-0018847 8 Apr/avr 2002 KR (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR PREPARING ACID SALTS OF GEMIFLOXACIN
• PROCEDE DE PREPARATION DE SELS ACIDES DE GEMIFLOXACINE
- (71) LG LIFE SCIENCES LTD. [KR/KR]; LG Twin Tower, East Tower, 20, Yoido-dong, Youngdungpo-ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Hoon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHOI, Sang-Chul [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). NAM, Do-Hyun [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHOI, Bo-Seung [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR).
- (74) CHOI, Kyu-Pal; Halla Classic Building 4F., 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (72, 75) CHOI, Hoon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHOI, Sang-Chul [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). NAM, Do-Hyun [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHOI, Bo-Seung [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR).

- (74) CHOI, Kyu-Pal; Halla Classic Building 4F., 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ C07D 487/04, A61K 31/519, A61P 35/00
// (C07D 487/04, 257:00
- (11) WO 03/087101 (13) A1
- (21) PCT/EP03/03986
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 02076448.6 15 Apr/avr 2002 EP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FARNESYL TRANSFERASE INHIBITING TRICYCLIC QUINAZOLINE DERIVATIVES SUBSTITUTED WITH CARBON-LINKED IMIDAZOLES OR TRIAZOLES
• DERIVES DE QUINAZOLINE TRICYCLIQUE INHIBANT LA FARNESYL TRANSFERASE SUBSTITUES AVEC DES IMIDAZOLES OU DES TRIAZOLES A LIAISON CARBONE
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGIBAUD, Patrick, René [FR/FR]; Janssen-Cilag S.A., 1, rue Camille Desmoulins, TSA 91003, F-92787 Issy-les-Moulineaux Cedex 9 (FR). VENET, Marc, Gaston [FR/FR]; 10 Square de Bourgogne, F-76240 Le Mesnil Esnard (FR). ARGOULLON, Jean, Michel, Jacques, Raymond [FR/FR]; Janssen-Cilag S.A., 1, rue Camille Desmoulins, TSA 91003, F-92787 Issy-les-Moulineaux Cedex 9 (FR).
- (74) JANSSEN PHARMACEUTICA N.V.; Patent Department, Karen Vermuyten- ext. 3599, Turnhoutseweg 30, B-2340 Beerse (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07D 491/22, A61K 31/438, 31/439, A61P 25/00

(11) WO 03/087102 (13) A1

(21) PCT/SE03/00613

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 0201186-4 18 Apr/avr 2002 SE
(18.04.2002)

(30) 0203607-7 4 Dec/déc 2002 SE
(04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FURYL COMPOUNDS

• COMPOSES FURYLE

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

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(72, 75) CHANG, Hui-Fang [—/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). LI, Yan [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). PHILLIPS, Eifion [GB/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 491/22, A61K 31/438, 31/439, A61P 25/00

(11) WO 03/087103 (13) A1

(21) PCT/SE03/00614

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 0201187-2 18 Apr/avr 2002 SE
(18.04.2002)

(30) 0203608-5 4 Dec/déc 2002 SE
(04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THIENYL COMPOUNDS

• COMPOSES DE THIENYLE

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHANG, Hui-Fang [—/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). LI, Yan [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).

PHILLIPS, Eifion [GB/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 491/22, A61K 31/438, 31/439, A61P 25/00

(11) WO 03/087104 (13) A1

(21) PCT/SE03/00615

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 0201185-6 18 Apr/avr 2002 SE
(18.04.2002)

(30) 0203606-9 4 Dec/déc 2002 SE
(04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HETEROCYCLIC COMPOUNDS

• COMPOSES HETEROCYCLIQUES

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHANG, Hui-Fang [—/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). PHILLIPS, Eifion [—/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 499/00, A61K 31/43

(11) WO 03/087105 (13) A1

(21) PCT/US03/10716

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,499 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHIBITORS OF SERINE AND MET-ALLO-β-LACTAMASES

• INHIBITEURS DE SERINE ET DE MET-ALLO-β-LACTAMASES

(71) ALAMX, L.L.C. [US/US]; 101 North Wilmot Road, Suite 600, Tucson, AZ 85711-3365 (US).

(72) BUYNACK, John, D.; 10842 Hayfield Drive, Dallas, TX 75238 (US). CHEN, Hansong; 6142 Fisher Road, Apt. 142-1, Dallas, TX 75214 (US).

(74) CLISE, Timothy, B. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 521/00, A61K 31/4196, A61P 31/10

(11) WO 03/087106 (13) A1

(21) PCT/IB02/01197

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DERIVATIVES OF 2,2,4-TRISUBSTITUTED TETRAHYDROFURAN AS ANTIFUNGAL AGENTS

• DERIVES DE TETRAHYDROFURANE TRISUBSTITUES 2,2,4 UTILISES COMME AGENTS ANTIFONGIQUES

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019 (IN).

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(72, 75) SALMAN, Mohammad [IN/IN]; P-2/19, Phase - II, DLF Qutab Enclave, Gurgaon 122 001, Haryana (IN). VERMA, Ashwani, Kumar [IN/IN]; 24, Charak Sadan, E-Block, Vikas Puri, New Delhi 110 018 (IN). MALHOTRA, Sanjay [IN/IN]; 185, Double Storey, New Rajinder Nagar, New Delhi 110 060 (IN). RATTAN, Ashok [IN/IN]; B-481, Sarita Vihar, New Delhi 110 044 (IN).

(74) **DESHMUKH, Jayadeep, R.;** Ranbaxy Laboratories Limited, 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 7/02

(11) WO 03/087107 (13) A2

(21) PCT/DE03/01270

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 17 139.4 17 Apr/avr 2002 DE (17.04.2002)

(30) 102 22 728.4 23 May/mai 2002 DE (23.05.2002)

(30) 102 27 041.4 17 Jun/juin 2002 DE (17.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING HALOSILANES BY IMPINGING MICROWAVE ENERGY

• PROCEDE DE PRODUCTION D'HALOSILANES PAR L'INTRODUCTION D'ENERGIE MICRO-ONDE

(71) **WACKER-CHEMIE GMBH** [DE/DE]; Hans-Seidel-Platz 4, 81737 München (DE). **DOW CORNING CORPORATION** [US/US]; 2200 W. Salzburg Road, Midland, MI 48611 (US).

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(72, 75) **AUNER, Norbert** [DE/DE]; Marie-Curie-Str. 11, 60439 Frankfurt (DE).

(74) **HAUCK, Hans** et al. / etc.; Mörikestr. 18, 40474 Düsseldorf (DE).

(81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SD SG SL TJ TM TN TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/02

(11) WO 03/087108 (13) A2

(21) PCT/US03/11467

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,511 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUNCTIONALIZED LONG CHAIN DERIVATIVES AS ACYL COENZYME-A MIMICS, COMPOSITIONS THEREOF, AND METHODS OF CHOLESTEROL MANAGEMENT AND RELATED USES

• DERIVES FONCTIONNALISES A CHAÎNE LONGUE UTILISES COMME MIMIQUES D'ACYL-COENZYMES A ET LEURS COMPOSITIONS, METHODES DE REGULATION DU TAUX DE CHOLESTEROL ET UTILISATIONS ASSOCIEES

(71) **ESPERION THERAPEUTICS, INC.** [US/US]; 3261 South State Street, 695 KMS Place, Ann Arbor, MI 48101 (US).

(72) **DASSEUX, Jean-Louis;** 7898 Huron Oak Drive, Brighton, MI 48116 (US). **ONICIU, Carmen, Daniela;** 125 Lake Village Drive, Ann Arbor, MI 48103 (US).

(74) **INSOGNA, Anthony, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/117, A61K 31/00

(11) WO 03/087109 (13) A1

(21) PCT/IB02/01198

(22) 12 Apr/avr 2002 (12.04.2002)

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDICAMENTS CONTAINING GLYCEROPHOSPHOINOSITOL-4-PHOSPHATE DERIVATIVES

• MEDICAMENTS CONTENANT DES DERIVES DE GLYCEROPHOSPHOINOSITOL-4-PHOSPHATE

(71) **SILBIOTEC DUE S.A.** [LU/LU]; Boulevard Prince Henri, 11, L-1724 Luxembourg (LU).

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(72, 75) **BIAGI, Cesare** [IT/IT]; Via G. Matteotti, 55/9, I-20168 Peschiera Borromeo (IT).

(74) **SIMONELLI, Ilaria** et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/30, C07C 211/62, C07F 9/54, C07D 233/58

(11) WO 03/087110 (13) A1

(21) PCT/EP03/02740

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 997.7 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PRODUCTION OF BIS(PERFLUOROALKYL)PHOSPHINIC ACIDS AND THE SALTS THEREOF

• PROCEDE DE PRODUCTION D'ACIDES BIS(PERFLUORO-ALKYL)PHOSPHINQUES ET DE LEURS SELS

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) **WELZ-BIERMANN, Urs** [DE/DE]; Rebenstrasse 103, 64646 Heppenheim (DE). **IGNATYEV, Nikolai** [UA/DE]; Prinzenstrasse 104, 47058 Duisburg (DE). **WEIDEN, Michael** [DE/DE]; Langgaesserweg 48, 64285 Darmstadt (DE). **HEIDER, Udo** [DE/GB]; 4 Wintwerth Grange, Winchester S022 4HZ (GB). **KUCHERYNA, Andriy** [UA/DE]; Wörthstrasse 6, 47053 Duisburg (DE). **WILLNER, Helge** [DE/DE]; Föhrenkamp 3, 45481 Mülheim/Ruhr (DE). **SARTORI, Peter** [DE/DE]; Zur Ludwigshöhe 28, 86919 Utting (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/30, 9/38, C07C 17/35, 19/08, 211/62, C07F 9/54, C07D 233/58

(11) WO 03/087111 (13) A1

(21) PCT/EP03/02744

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 995.0 16 Apr/avr 2002 DE (16.04.2002)

(30) 102 20 547.7 8 May/mai 2002 DE (08.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PRODUCTION OF MONOHYDRO-PERFLUOROALKANES, BIS(PERFLUOROALKYL)PHOSPHINATES, AND PERFLUOROALKYLPHOSPHONATES

• PROCEDE POUR PRODUIRE DES MONOHYDRO-PERFLUOROALCANES, DES BIS(PERFLUOROALKYLE)PHOSPHINATES ET DES PERFLUORALKYLE PHOSPHONATES

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) IGNATYEV, Nikolai [UA/DE]; Prinzenstrasse 104, 47058 Duisburg (DE). WEIDEN, Michael [DE/DE]; Langgaesserweg 48, 64285 Darmstadt (DE). WELZ-BIERMANN, Urs [DE/DE]; Rebenstrasse 103, 64646 Heppenheim (DE). HEIDER, Udo [DE/GB]; 4 Wintwerth Grange, Winchester S022 4HZ (GB). SARTORI, Peter [DE/DE]; Zur Ludwigshöhe 28, 86919 Utting (DE). KUCHERYNA, Andriy [UA/DE]; Woerthstrasse 6, 47053 Duisburg (DE). WILLNER, Helge [DE/DE]; Fochrenkamp 3, 45481 Muelheim/Ruhr (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/40

(11) WO 03/087112 (13) A1

(21) PCT/KR03/00707

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ko (26) en

(30) 10-2002-0019340 9 Apr/avr 2002 KR (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHIRAL INTERMEDIATE AND PROCESS FOR THE PRODUCTION THEREOF

• INTERMEDIAIRE CHIRAL ET SON PROCEDE DE PRODUCTION

(71) CLS LABORATORIES, INC. [KR/KR]; 373-1, Kusung-Dong, Yusung-Gu, Daejeon 305-338 (KR).

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(72, 75) LIM, Kwang-Min [KR/KR]; 210-802 Expo Apt. Jeonmin-Dong, Yusung-Gu, Daejeon 305-390 (KR).

(74) NAM, Sang-Sun; 9th Fl., Maekyung Media Center, 30, 1-Ga, Pil-Dong, Jung-Ku, Seoul 100-728 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/50

(11) WO 03/087113 (13) A1

(21) PCT/EP03/02739

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 998.5 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PRODUCTION OF PERFLUOROALKYL PHOSPHINES AND THE USE THEREOF AS PERFLUOROALKYLATING REACTANTS

• PROCEDE DE PRODUCTION DE PERFLUORO-ALKYLPHOSPHINES ET LEUR UTILISATION COMME REACTIFS DE PERFLUORALKYLATION

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) WELZ-BIERMANN, Urs [DE/DE]; Rebenstrasse 103, 64646 Heppenheim (DE). IGNATYEV, Nikolai [UA/DE]; Prinzenstrasse 104, 47058 Duisburg (DE). WEIDEN, Michael [DE/DE]; Langgaesserweg 48, 64285 Darmstadt (DE). SCHMIDT, Michael [DE/DE]; Weinbergstrasse 41, 64342 Seeheim-Jugenheim (DE). HEIDER, Udo [DE/GB]; 4 Wintwerth Grange, Winchester S022 4HZ (GB). MILLER, Alexej [DE/DE]; Prinzenstrasse 35, 46058 Duisburg (DE). WILLNER, Helge [DE/DE]; Föhrenkamp 3, 45481 Mülheim/Ruhr (DE). SARTORI, Peter [DE/DE]; Zur Ludwigshöhe 28, 86919 Utting (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 17/00, C08F 10/00, C07F 5/02

(11) WO 03/087114 (13) A1

(21) PCT/US03/09071

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/372,462 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AZABOROLYL GROUP 4 METAL COMPLEXES, CATALYSTS AND OLEFIN POLYMERIZATION PROCESS

• COMPLEXES METALLIQUES DU GROUPE 4 AZABOROLYL, CATALYSEURS, ET PROCESSUS DE POLYMERISATION D'OLEFINE

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US). THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 3003 State Street, Ann Arbor, MI 48109-1274 (US).

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(72, 75) ASHE, Arthur, J., III [US/US]; 4384 Sherwood Forest Court, Ann Arbor, MI 48103 (US). YANG, Hong [CN/US]; 2777 Braeburn Circle, Ann Arbor, MI 48108 (US). TIMMERS, Francis, J. [US/US]; 4605 Lund Drive, Midland, MI 48642 (US).

(74) DELINE, Douglas, N.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07H

(11) WO 03/087115 (13) A2

(21) PCT/US03/10840

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,432 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OLIGOMERIC COMPOUNDS HAVING MODIFIED PHOSPHATE GROUPS

• COMPOSES OLIGOMERES A GROUPES PHOSPHATE MODIFIES

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) RAVIKUMAR, Vasulinga [US/US]; 6606 Virco Court, Carlsbad, CA 92009 (US).

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- (74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07H 5/02, A23L 1/236, 2/60, A21D 2/12
(11) WO 03/087116 (13) A1
(21) PCT/US03/10210
(22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 10/116,759 5 Apr/avr 2002 US (05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHODS AND COMPOSITIONS FOR ALTERING THE SWEETNESS DELIVERY PROFILE OF SUCRALOSE
• PROCEDES ET COMPOSITIONS PERMETTANT D'ALTERER LE PROFIL DE L'EFFET EDULCORANT DE LA SUCRALOSE
- (71) **MCNEIL-PPC, INC.** [US/US]; Grandview Road, Skillman, NJ 08558 (US).
- (72) **MERKEL, Carolyn, M.**; 125 Overlook Avenue, North Haledon, NJ 07508 (US). **CATANI, Steven, J.**; 265 Red Oak Trail, Athens, GA 30606 (US). **FRY, John, C.**; 6 Hollands Field, Horsham, West Sussex RH123HQ (GB).
- (74) **CASEY, Kevin, R.** et al. / etc.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07H 5/02, 1/06, A23L 1/236, 2/60
(11) WO 03/087117 (13) A1
(21) PCT/US03/10349
- (22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 10/116,758 5 Apr/avr 2002 US (05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHODS FOR BUFFER STABILIZED AQUEOUS DEACYLATION
• PROCEDES DE DEACYLATION AQUEUSE STABILISEE PAR TAMPON
- (71) **MCNEIL-PPC, INC.** [US/US]; Grandview Road, Skillman, NJ 08558 (US).
- (72) **VERNON, Nicholas, M.**; 401 Potters Mill Avenue, Daphne, AL 36526 (US). **MICINSKI, Edward**; 601 Surrey Lane, Martinez, GA 30907 (US). **CATANI, Steven, J.**; 265 Red Oak Trail, Athens, GA 30606 (US). **NAVIA, Juan, L.**; 3884 Stable Court, Doylestown, PA 18901 (US).
- (74) **CASEY, Kevin, R.** et al. / etc.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07H 19/00
(11) WO 03/087118 (13) A2
(21) PCT/EP03/03591
(22) 7 Apr/avr 2003 (07.04.2003)
(25) de (26) de
(30) 102 16 426.6 12 Apr/avr 2002 DE (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD FOR PRODUCING BETA-L-2'DEOXY-THYMIDINE
• PROCEDE DE PRODUCTION DE BETA-L-2'-DESOXY-THYMIDINE
- (71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO.KG** [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).
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- (72, 75) **KLINGLER, Franz, Dietrich** [DE/DE]; Weichgasse 7, 64347 Griesheim (DE). **KREYE, Paul** [DE/DE]; Breslauer Str. 9b, 55218 Ingelheim (DE). **BAUMGARTEN, Wolfgang** [DE/DE]; Im Bangert 3, 55435 Gau-Algesheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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(22) 2 Apr/avr 2003 (02.04.2003)
(25) ja (26) ja
(30) 2002-100158 2 Apr/avr 2002 JP (02.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ESTRONE DERIVATIVE AND PROCESS FOR PRODUCING THE SAME
• DERIVE D'OESTRONE ET PROCEDE DE PRODUCTION DUDIT DERIVE

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) NABUCHI, Yoshiaki [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). ARAYA, Hiroshi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KAWATA, Setsu [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). MORIKAWA, Kazumi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KANBE, Yoshitake [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). OHTAKE, Yoshihito [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KAIHO, Shinichi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). TANIGUCHI, Kenji [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). TSUNENARI, Toshiaki [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). TAKASU, Hisashi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07J 41/00, A61K 31/57, A61P 31/04

(11) WO 03/087121 (13) A1

(21) PCT/DK03/00220

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,864 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BLANCHED POLYAMINE STEROID DERIVATIVES

• DERIVES DE POLYAMINES STEROIDES RAMIFIEES

(71) LEO PHARMA A/S [DK/DK]; Industri-parken 55, DK-2750 Ballerup (DK).
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(72, 75) DUVOLD, Tore [NO/DK]; Thorvald-sensvej 21, 4.th, DK-1871 Frederiksberg C (DK).

(74) THALSØ-MADSEN, Birgit; Head of Patent Section, Leo Pharma A/S, Industri-parken 55, DK-2750 Ballerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087122 (13) A2

(21) PCT/FR03/01157

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04580 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEQUENCES INVOLVED IN THE PHENOMENA OF TUMOUR SUPPRESSION, TUMOUR REVERSION, APOPTOSIS AND/OR RESISTANCE TO VIRUSES, AND THE USE OF THE SAME AS MEDICAMENTS

• SEQUENCES IMPLIQUEES DANS LES PHENOMENES DE SUPPRESSION TUMORALE, REVERSION TUMORALE, APOPTOSE ET/OU RESISTANCE AUX VIRUS ET LEUR UTILISATION COMME MEDICAMENTS

(71) MOLECULAR ENGINES LABORATOIRES [FR/FR]; 20, rue Bouvier, F-75011 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TELERMAN, Adam [BE/FR]; 6, rue du Pré-aux-Clercs, F-75007 Paris (FR). AM-SON, Robert [LU/FR]; 10, rue Gay-Lussac, F-75005 Paris (FR). TUIJNDER, Marius [NL/BE]; Moestuinstraat 2, B-2800 Mechelen (BE).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07K

(11) WO 03/087123 (13) A2

(21) PCT/US02/33523

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en

(26) en

(30) 60/371,039 8 Apr/avr 2002 US (08.04.2002)

(30) 60/380,359 13 May/mai 2002 US (13.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND KITS FOR TESTING MUTAGENICITY

• METHODES ET TROUSSES POUR TESTER L'ACTION MUTAGENE

(71) TRANSGENOMIC INC. [US/US]; 2032 Concourse Drive, San Jose, CA 95131 (US).

(72) WING, Luman; 2933 Fried Avenue, San Diego, CA 92122 (US). SAGHBINI, Michael; 14175 Korrey Dr, San_Diego, CA 92129 (US).

(74) BRADY, John, F.; Transgenomic, Inc., 2032 Concourse Drive, San Jose, CA 95131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE).

(51)⁷ C07K

(11) WO 03/087124 (13) A2

(21) PCT/US03/10240

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/116,866 5 Apr/avr 2002 US (05.04.2002)

(30) 10/400,083 20 Mar/mar 2003 US (20.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HMGN2 PEPTIDES AND RELATED MELECULES THAT SELECTIVELY HOME TO TUMOR BLOOD VESSELS AND TUMOR CELLS

• PEPTIDES HMGN2 ET MOLECULES ASSOCIEES A ECOTAXIE SELECTIVE VERS DES VAISSEAUX SANGUINS TUMORAUX ET CELLULES TUMORALES

(71) THE BURNHAM INSTITUTE [US/US]; 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).

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(72, 75) RUOSLAHTI, Erkki [US/US]; P.O. Box 1054, Rancho Santa Fe, CA 92067 (US). PORKKA, Kimmo [FI/FI]; Bulevardi 24 B, FIN-00120 Helsinki (FI). CHRISTIAN, Sven [DE/US]; 1159 Thomas Avenue, San Diego, CA 92109 (US).

(74) GASHLER, Andrea, L. et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, Seventh Floor, San Diego, CA 92122 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087125 (13) A2

(21) PCT/US03/10448

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,131 10 Apr/avr 2002 US (10.04.2002)

(30) 0226102.2 8 Nov/nov 2002 GB (08.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A NOVEL G PROTEIN-COUPLED PURINERGIC RECEPTOR, GAVE 17

• NOUVEAU RECEPTEUR PURINERGIQUE COUPLE A LA PROTEINE G, GAVE17

(71) AVENTIS PHARMACEUTICALS INC. [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, NJ 08807-2854 (US).

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(72, 75) EISHINGDRELO, Haifeng [US/US]; 17 Fletcher Drive, Montville, NJ 07045 (US). KUNTZWEILER, Theresa [US/US]; 18 Mullens Lane, Bernardville, NJ 07924 (US). WEISSENSEE, Paul [US/US]; 19 Cedar Brook Drive, Somerset, NJ 08873 (US). CAI, Jidong [US/US]; 165 Cedar Knolls Road, Whippany, NJ 07981 (US). GASSENHUBER, Johann [DE/DE]; Emanuel Geibel Str. 8, 65185 Weisbaden (DE).

(74) COPPOLA, William, C. et al. / etc.; AVENTIS PHARMACEUTICALS INC., P. O. Box 6800, Route 202-206, Bridgewater, NJ 08807-0800 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07K

(11) WO 03/087126 (13) A2

(21) PCT/US03/10571

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/116,118 5 Apr/avr 2002 US (05.04.2002)

(30) 60/413,471 26 Sep/sep 2002 US (26.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HETEROCLITIC ANALOGS AND RELATED METHODS

• ANALOGUES HETEROCLITIQUES ET PROCÉDES ASSOCIÉS

(71) EPIMMUNE INC. [US/US]; 5820 Nancy Ridge Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIOKA, Glenn [US/US]; 11516 Hadar Drive, San Diego, CA 92126 (US). FIKES, John [US/US]; 4671 Robbins Street, San Diego, CA 92122 (US). TANGRI, Shabnam [IN/US]; 5683 Glenstone Way, San Diego, CA 92121 (US). SETTE, Alessandro [IT/US]; 5551 Linda Rosa Avenue, La Jolla, CA 92037 (US).

(74) STEFFE, Eric, K.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087127 (13) A2

(21) PCT/US03/10780

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,261 5 Apr/avr 2002 US (05.04.2002)

(30) 60/390,785 21 Jun/juin 2002 US (21.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIMICROBIAL COMPOUNDS AGAINST STAPHYLOCOCCI, MYCOBACTERIA, AND OTHER INFECTIOUS AGENTS

• COMPOSES ANTIMICROBIENS CONTRE DES STAPHYLOCOQUES, DES MYCOBACTERIES ET D'AUTRES AGENTS INFECTIEUX

(71) EXEGENICS INC. [US/US]; 2110 Research Row, Suite 621, Dallas, TX 75235 (US).

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(72, 75) ARAD, Dorit [IL/US]; 16901 Park Hill Drive, Dallas, TX 75248 (US). AV-GAY, Yossef [CA/CA]; 4647 West 15th Avenue, Vancouver, British Columbia V6R 3B5 (CA).

(74) HANSEN, Eugenia, S. et al. / etc.; Sidley Austin Brown & Wood LLP, 717 N. Harwood, Suite 3400, Dallas, TX 75235 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087128 (13) A2

(21) PCT/US03/10837

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,029 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECRETORY SIGNAL SEQUENCES AND USES THEREOF

• PEPTIDES SIGNAUX SECRETEURS ET UTILISATIONS CORRESPONDANTES

(71) RMF DICTAGENE S.A. [CH/CH]; Chemin des Boveresses 155, CH-1066 Epalinges (CH). THE BOARD OF TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; 3700 Market Street, Suite 300, Philadelphia, PA 19104 (US).

(72) FASEL, Nicholas; Bois de Ban 15, CH-1066 Epalinges (CH). BEGHDAI-RAIS, Carole; Av. de la Harpe 2, CH-1007 Lausanne (CH). DESPONDS, Chantal; Place de Lussery, CH-1307 Lussery-Village (CH). COHEN, Gary; 41 Woodcroft Road, Haverstown, PA 19083 (US). EISENBERG, Roselyn; 123 Glenwood Road, Haddonfield, NJ 18033 (US).

(74) NEVILLE, Katherine, L. et al. / etc.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087129 (13) A2

(21) PCT/US03/10851

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,256 8 Apr/avr 2002 US
(08.04.2002)(30) 60/371,250 8 Apr/avr 2002 US
(08.04.2002)(30) 60/373,668 17 Apr/avr 2002 US
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMMUNOGENIC PEPTIDES, AND
METHOD OF IDENTIFYING SAME• PEPTIDES IMMUNOGENES ET ME-
THODE D'IDENTIFICATION DESDITS
PEPTIDES

(63) US 60/371,256 (CIP)

8 Apr/avr 2002 (08.04.2002)

US 60/371,250 (CIP)

8 Apr/avr 2002 (08.04.2002)

US 60/373,668 (CIP)

17 Apr/avr 2002 (17.04.2002)

(71) PLEXUS VACCINE, INC. [US/US]; 11770
Bernardo Plaza Court, Suite 370B, San Diego,
CA 92128 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KATRITCH, Vsevolod [US/US]; 10695
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BORDNER, Andrew [US/US]; 1747 Chal-
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(US). DEANS, Robert, J. [US/US]; 415
Furman Drive, Clairemont, CA 91711 (US).
SUMNER, Mary [US/US]; 15665 Maturin
Drive, San Diego, CA 92127 (US).(74) HAILE, Lisa, A.; Gray Cary Ware & Frei-
denrich LLP, 4365 Executive Drive, Suite
1100, San Diego, CA 92121-2133 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C07K

(11) WO 03/087130 (13) A2

(21) PCT/US03/11016

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,680 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR MANUFACTURING
PURIFIED PHOSPHODIAMIDITE• PROCEDE DE FABRICATION DE
PHOSPHODIAMIDITE PURIFIEE(71) ISIS PHARMACEUTICALS, INC.
[US/US]; 2292 Faraday Avenue, Carls-
bad, CA 92008 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SONG, Quanlai [CN/US]; 2061 Village
Park Way #128, Encinitas, CA 92024 (US).
ROSS, Bruce [US/US]; 7942 Las Mientes
Lane, Carlsbad, CA 92009 (US).(74) CALDWELL, John, W. et al. / etc.; Wood-
cock Washburn LLP, One Liberty Place -46th
Floor, Philadelphia, PA 19103 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C07K

(11) WO 03/087131 (13) A2

(21) PCT/US03/11031

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,609 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTI-HER2 ANTIBODY VARIANTS

• VARIANTS D'ANTICORPS ANTI-
HER2(71) GENENTECH, INC [US/US]; 1 DNA Way,
South San Francisco, CA 94080 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LOWMAN, Henry, B. [US/US]; 400
San Juan Avenue, El Granada, CA 94018
(US). GERSTNER, Resi, B. [US/US]; 1469
Bellevue Avenue, #511, Burlingame, CA
94010 (US). CARTER, Paul, J. [US/US];
4312 86th Avenue, S.E., Mercer Island, WA
98040 (US).(74) DREGER, Ginger, R.; Heller, Ehrman
White & McAuliffe LLP, 275 Middlefield
Road, Menlo Park, CA 94025-3506 (US).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MCNL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C07K

(11) WO 03/087132 (13) A2

(21) PCT/US03/11055

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,524 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS AND METHODS FOR
EVALUATING AND DESIGNING NU-
CLEAR RECEPTOR LIGANDS THAT
MODULATE CO-REGULATOR AFFIN-
ITY• COMPOSITIONS ET METHODES
D'EVALUATION ET DE CONCEP-
TION DE LIGANDS DU RECEPTEUR
NUCLEAIRE QUI MODULENT L'AF-
FINITE POUR UN CO-REGULATEUR(71) SMITHKLINE BEECHAM CORPO-
RATION [US/US]; One Franklin Plaza,
Philadelphai, PA 19101 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BLANCHARD, Steven, Gerard
[US/US]; GlaxoSmithKline, Five Moore
Drive, PO Box 13398, Research Triangle
Park, NC 27709 (US). STANLEY, Thomas,
B [US/US]; GlaxoSmithKline, Five Moore
Drive, PO Box 13398, Research Triangle
Park, NC 27709 (US). STIMMEL, Julie,
Beth [US/US]; GlaxoSmithKline, Five
Moore Drive, PO Box 13398, Research Tri-
angle Park, NC 27709 (US).(74) LEVY, David, J et al. / etc.; GlaxoSmithK-
line, Five Moore Drive, PO Box 13398, Re-
search Triangle Park, NC 27709 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).(51)⁷ C07K

(11) WO 03/087133 (13) A2

(21) PCT/US03/11057

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,366 10 Apr/avr 2002 US
(10.04.2002)(30) 60/400,614 1 Aug/août 2002 US
(01.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED METHODS FOR
HIGH-RESOLUTION IDENTIFICA-
TION OF SOLVENT-ACCESSIBLE

AMIDE HYDROGENS IN POLYPEPTIDES AND FOR CHARACTERIZATION OF POLYPEPTIDE STRUCTURE

- PROCEDES AMELIORES POUR L'IDENTIFICATION HAUTE RESOLUTION D'HYDROGENES D'AMIDE ACCESSIBLES AUX SOLVANTS DANS DES POLYPEPTIDES ET POUR LA CARACTERISATION DE LA STRUCTURE POLYPEPTIDIQUE

(63) US 60/371,366 (CIP)
10 Apr/avr 2002 (10.04.2002)
US 60/400,614 (CIP)
1 Aug/août 2002 (01.08.2002)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOODS, Virgil, L.** [US/US]; 1422 Puterbaugh Street, San Diego, CA 92103 (US).

(74) **REITER, Stephen, E.** et al. / etc.; Foley & Lardner, P.O. Box 80278, San Diego, CA 92138-0278 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) **WO 03/087134** (13) A2

(21) PCT/US03/11159

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/372,640 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

- G-PROTEIN COUPLED RECEPTOR LIGANDS AND METHODS
- LIGANDS DES RECEPTEURS COUPLES AUX PROTEINE G ET METHODES

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(72) **JIANG, Ying**; 291 Spruce Mill Lane, Scotch Plains, NJ 07076 (US). **ZHANG, Fang, Liang**; 80 Montrose Avenue, Fanwood, NJ 07023 (US). **MURGOLO, Nicholas, J.**; 99 Rolling Hill Drive, Millington, NJ 07946 (US). **LUO, Lin**; 1 Canterbury Lane, Edison, NJ 08820 (US). **SIMON, Jason, S.**; 1019 Summit Avenue, Westfield, NJ 07090 (US).

(74) **TRIOLO, Thomas, A.**; Schering-Plough Corporation, Patent Department-K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX MZ NI NO NZ PH PL PT RO RU SC SE SG SK SL TJ TM TN TR TT TZ UA UZ VC VN YU ZA ZM.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C07K

(11) **WO 03/087135** (13) A2

(21) PCT/US03/11229

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 10/121,479 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

- NOVEL PHEROMONE RECEPTOR
- NOUVEAU RECEPTEUR DE PHEROMONE

(71) **PHERIN PHARMACEUTICALS, INC.** [US/US]; 350 N. Bernardo Avenue, Mountain View, CA 94043 (US).

(72) **ZHANG, Jian**; 116 W 37th Avenue, San Mateo, CA 94403 (US). **HERMAN, Ronald, C.**; 467-D Costa Mesa Terrace, Sunnyvale, CA 94085-1605 (US). **SANGAMESWARAN, Lakshmi**; 6459 Oakcrest Drive, San Jose, CA 95120 (US). **EDWARDS, David, C.**; 1103 Bluebird Avenue, Santa Clara, CA 95051 (US). **RAGHU, Ganapathirama**; 6288 Lillian Way, San Jose, CA 95120 (US).

(74) **KURZ, Walter et al.** / etc.; Heller, Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) **WO 03/087136** (13) A2

(21) PCT/US03/11359

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/327,617 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

- PEPTIDES DERIVED FROM CADHERIN AND METHODS OF USE THEREOF

- PEPTIDES DERIVES DE LA CADHERINE ET LEURS PROCEDES D'UTILISATION

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) **MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY** [US/US]; One Gustave L. Levy Place, New York, NY 10028 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBAKIS, Nikolaos** [US/US]; 330 Highwood Avenue, Leonia, NJ 07605 (US). **MARAMBAUD, Philippe** [FR/US]; 181 East 104th Street, Apt. 15A, New York NY 10029 (US). **GEORGAKOPOULOS, Anastasios** [GR/US]; 50 East 98th Street, Apt. 5E2, New York, NY 10029 (US).

(74) **MACLEOD, Janet, M.**; Dorsey & Whitney LLP, 250 Park Avenue, New York, NY 10177 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) **WO 03/087137** (13) A2

(21) PCT/US03/11403

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/122,246 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

- NEW THERAPEUTIC USES OF TRI-, TETRA-, PENTA-, AND POLYPEPTIDES
- NOUVELLES UTILISATIONS THERAPEUTIQUES DE TRI-, TETRA-, PENTA-, ET POLYPEPTIDES

(71) **INNAPHARMA, INC.** [US/US]; 1 Maynard Drive, Park Ridge, NJ 07656 (US).

(72) **HLAVKA, Joseph, J.**; Tower Hill Road, Tuxedo Park, NY 10987 (US). **ABAJIAN, Henry, B.**; 78 Plymouth Road, Hillsdale, NJ 07642 (US). **FEIGHNER, John, P.**; 1820 Viking Way, La Jolla, CA 92037 (US).

(74) **PAIKOFF, Richard, A.**; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 03/087138 (13) A2

(21) PCT/US03/08045

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/122,675 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR IDENTIFYING POLYPEPTIDE FACTORS INTERACTING WITH RNA

• PROCEDES D'IDENTIFICATION DE FACTEURS POLYPEPTIDIQUES AYANT UNE INTERACTION AVEC L'ARN

(71) RIGEL PHARMACEUTICALS, INC. [US/US]; 1180 Veterans Blvd., South San Francisco, CA 94080 (US). ANDERSON, David [US/US]; 200 Lassen Drive, San Bruno, CA 94066 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Henry [US/US]; 1031 Flying Fish St., Foster City, CA 94404 (US). LI, Weiqun [CN/US]; 545-1 S. Norfolk St., San Mateo, CA 94401 (US).

(74) PARENT, Annette, S. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07K

(11) WO 03/087139 (13) A2

(21) PCT/US03/08457

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/371,650 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TREATMENT OF GASTROPARESIS

• TRAITEMENT DE LA GASTROPARE-SIE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAKUBOWSKI, Joseph, Anthony [US/US]; 3740 Governors Road, Indianapolis, IN 46208 (US). MCKINNEY, Thurman, Dwight [US/US]; 8914 Rohan Court, Indianapolis, IN 46278 (US).

(74) STEWART, Mark, J. et al. / etc.; Eli Lilly And Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C07K 14/00

(11) WO 03/087140 (13) A1

(21) PCT/EP03/02357

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 02008454.7 13 Apr/avr 2002 EP (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-PRIMATE FXRb AS A LANOSTEROL SENSING NUCLEAR HORMONE RECEPTOR AND RELATED USES

• FXRB DE NON-PRIMATE COMME RE-CEPTEUR HORMONAL NUCLEAIRE SENSIBLE AU LANOSTEROL ET UTILISATIONS ASSOCIEES

(71) LION BIOSCIENCE AG [DE/DE]; Im Neuenheimer Feld 515, 69120 Heidelberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEUSCHLE, Ulrich [DE/DE]; Lilienstr. 19, 69245 Bammatal (DE). JACKSON, David [IE/DE]; Schröderstrasse 61, 69120 Heidelberg (DE). KOBER, Ingo [DE/DE]; Am Grossen Wald 30, 69251 Gaiberg (DE). KRANZ, Harald [DE/DE]; Bärenpfad 9, 69181 Leimen (DE). KREMOSER, Claus [DE/DE]; Mozartstr. 29, 69121 Heidelberg (DE). OTTE, Kerstin [DE/DE]; Biethstrasse 20, 69121 Heidelberg (DE). REMMEL, Bettina [DE/DE]; Fröchweg 24, 69198 Schriesheim (DE).

(74) GODDAR, Heinz et al. / etc.; Boehmert & Boehmert, Pottenkoferstrasse 20-22, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/195

(11) WO 03/087141 (13) A2

(21) PCT/CA03/00494

(22) 9 Apr/avr 2003 (09.04.2003)

- (25) en (26) en
- (30) 60/370,979 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL PURIFIED POLYPEPTIDES FROM ESCHERICHIA COLI
• NOUVEAUX POLYPEPTIDES PURIFIÉS D'ESCHERICHIA COLI
- (71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWARDS, Aled [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). DOMAGALA, Megan [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Ontario L5B 4B1 (CA). NG, Ivy [CA/CA]; 33 Isabella Street, Suite 2115, Toronto, Ontario M4Y 2P7 (CA). HOUSTON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). VALLEE, Francois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). CLARKE, Teresa [CA/CA]; 67 Keele Street, Apt. 3, Toronto, Ontario M6P 2J8 (CA). AWREY, Donald [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA).
- (74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 14/195
- (11) WO 03/087142 (13) A2
- (21) PCT/DK03/00199
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) PA 2002 00532 **10 Apr/avr 2002** DK
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMPROVED BACILLUS HOST CELL
• CELLULE HÔTE DE BACILLE AMÉLIORÉE
- (71) NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSEN, Jens, Tønne [DK/DK]; Alfred Christensens Vej 35, DK-2850 Nærum (DK). JØRGENSEN, Steen, Troels [DK/DK]; Prunusvej 5, DK-3450 Allerød (DK). RASMUSSEN, Michael, Dolbjerg [DK/DK]; Syvhojvænge 151, DK-2625 Vallengsbæk (DK). OLSEN, Peter, Bjarke [DK/DK]; Svendborggade 8, 4 tv, DK-2100 Copenhagen Ø (DK). CLAUSEN, Ib, Groth [DK/DK]; Fyrrestien 6, DK-3400 Hillerød (DK).
- (74) NOVOZYMES A/S; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/195
- (11) WO 03/087143 (13) A2
- (21) PCT/GB03/01583
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 0208925.8 **12 Apr/avr 2002** GB
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • POLYPEPTIDES
• POLYPEPTIDES
- (71) UNIVERSITY OF SHEFFIELD [GB/GB]; Western Bank, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BINGLE, Colin [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB). CRAVEN, Jeremy [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB).
- (74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 14/24
- (11) WO 03/087144 (13) A2
- (21) PCT/FR03/01238
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) fr (26) fr
- (30) 02/04799 **17 Apr/avr 2002** FR
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INSECTICIDE PROTEINS FROM PHOTORABDUS LUMINESCENS
• PROTEINES INSECTICIDES PHOTORABDUS LUMINESCENS
- (71) INSTITUT PASTEUR [FR/FR]; 28, rue du Docteur-Roux, F-75015 Paris (FR). INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE [FR/FR]; 145, rue de l'Université, F-75007 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Régimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/245, C12N 15/31, 15/62, G01N 33/50, C07K 14/21
- (11) WO 03/087145 (13) A2
- (21) PCT/CA03/00483
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,806 **8 Apr/avr 2002** US
(08.04.2002)
- (30) 60/370,978 **9 Apr/avr 2002** US
(09.04.2002)
- (30) 60/371,009 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL PURIFIED POLYPEPTIDES INVOLVED IN QUORUM SENSING
• NOUVEAUX POLYPEPTIDES PURIFIÉS IMPLIQUÉS DANS LA DÉTECTION DE DENSITÉ CELLULAIRE
- (71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWARDS, Aled [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). MCDONALD, Merry-Lynn [CA/CA]; 24 Sayer Drive, Ajax, Ontario P3E 1R7 (CA). LI, Qin [CA/CA]; 3455 Rue Durocher, Apt. 314, Montreal, Québec H2X

- 2C9 (CA). **AWREY, Donald** [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). **BEATTIE, Bryan** [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/31, 14/245, 14/205, C12N 15/31, 15/62, C12Q 1/68, C12N 15/11, C07K 16/12, A61K 38/16, 39/108, 39/085, 39/106**
- (11) **WO 03/087146** (13) A2
- (21) PCT/CA03/00482
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 60/370,868 **8 Apr/avr 2002 (08.04.2002)** US
- (30) 60/371,025 **9 Apr/avr 2002 (09.04.2002)** US
- (30) 60/371,094 **9 Apr/avr 2002 (09.04.2002)** US
- (30) 60/370,959 **9 Apr/avr 2002 (09.04.2002)** US
- (30) 60/371,065 **9 Apr/avr 2002 (09.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL PURIFIED POLYPEPTIDES INVOLVED IN CELLULAR TRANSPORT AND METABOLISM
- NOUVEAUX POLYPEPTIDES PURIFIÉS IMPLIQUES DANS LE TRANSPORT ET LE MÉTABOLISME CELLULAIRE
- (71) **AFFINIUM PHARMACEUTICALS, INC.** [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EDWARDS, Aled** [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). **DHARAMSI, Akil** [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). **VEDADI, Masoud** [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). **LI, Qin** [CA/CA]; 3455 Rue Durocher, Apt. 314, Montreal, Québec H2X 2C9 (CA). **NETHERY, Kathleen** [CA/CA]; 1185 Lansdowne Avenue, Lower Unit, Toronto, Ontario M6H 3Z7 (CA). **MCDONALD, Merry-Lynn** [CA/CA]; 24 Sayor Drive, Ajax, Ontario P3E 1R7 (CA). **VALLEE, Francois** [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). **AWREY, Donald** [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). **BEATTIE, Bryan** [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA). **DOMAGALA, Megan** [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Ontario L5B 4B1 (CA). **MANSOURY, Kamran** [CA/CA]; 44 Gerard Street, #1408, Toronto, Ontario M5G 2K2 (CA). **ALAM, Muhammad, Zahoor** [PK/CA]; #11-440 Malaga Road, Oshawa, Ontario L1J 1N8 (CA). **NG, Ivy** [CA/CA]; 33 Isabella Street, Suite 2115, Toronto, Ontario M4Y 2P7 (CA). **OUYANG, Hui** [CA/CA]; 6 Esterbrooke Ave., Unit 76, North York, Ontario M2J 2C2 (CA).
- (74) **NADOR, Anita**; Bereskin & Parr, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/315, A61K 35/74, C07K 16/12**
- (11) **WO 03/087147** (13) A1
- (21) PCT/GB03/01638
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (30) 0208499.4 **12 Apr/avr 2002 (12.04.2002)** GB
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STREPTOCOCCAL GENES INVOLVED IN OSMOTIC AND OXIDATIVE STRESS AND IN VIRULENCE
- GENES DE STREPTOCOQUES IMPLIQUES DANS LE STRESS OSMOTIQUE ET OXYDATIF ET DANS LA VIRULENCE
- (71) **IMPERIAL COLLEGE INNOVATIONS LIMITED** [GB/GB]; 47 Princes Gate, London SW7 2QA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Jeremy, Stuart** [GB/GB]; 33 Baring Street, London N1 3DJ (GB).
- (74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C07K 14/32**
- (11) **WO 03/087148** (13) A2
- (21) PCT/DK03/00200
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) PA 2002 00533 **10 Apr/avr 2002 (10.04.2002)** DK
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMPROVED BACILLUS HOST CELL
- CELLULE HOTE DE BACILLE AMÉLIORE
- (71) **NOVOZYMES A/S** [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSEN, Jens, Tønne** [DK/DK]; Alfred Christensens Vej 35, DK-2850 Nærum (DK). **JØRGENSEN, Steen, Troels** [DK/DK]; Prunusvej 5, DK-3450 Allerød (DK). **RASMUSSEN, Michael, Dolbjerg** [DK/DK]; Syvhojvænge 151, DK-2625 Vallensbæk (DK). **OLSEN, Peter, Bjarke** [DK/DK]; Svendborggade 8, 4 tv, DK-2100 Copenhagen Ø (DK). **CLAUSEN, Ib, Groth** [DK/DK]; Fyrrestien 6, DK-3400 Hillerød (DK).
- (74) **NOVOZYMES A/S**; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/32**
- (11) **WO 03/087149** (13) A2
- (21) PCT/DK03/00201
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) PA 2002 00531 **10 Apr/avr 2002 (10.04.2002)** DK
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMPROVED BACILLUS HOST CELL
- CELLULE HOTE DE BACILLE AMÉLIORE
- (71) **NOVOZYMES A/S** [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSEN, Jens, Tønne** [DK/DK]; Alfred Christensens Vej 35, DK-2850 Nærum (DK). **JØRGENSEN, Steen, Troels** [DK/DK]; Prunusvej 5, DK-3450 Allerød

(DK). RASMUSSEN, Michael, Dolbjerg [DK/DK]; Syvhojvænge 151, DK-2625 Vallengbæk (DK). OLSEN, Peter, Bjarke [DK/DK]; Svendborggade 8, 4 tv, DK-2100 Copenhagen Ø (DK). CLAUSEN, Ib, Groth [DK/DK]; Fyrrestien 6, DK-3400 Hillerød (DK).

(74) NOVOZYMES A/S; Krogshøjvej 36, DK-2880 Bagsværd (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/435

(11) WO 03/087150 (13) A2

(21) PCT/GB03/01508

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,598 5 Apr/avr 2002 US (05.04.2002)

(30) 60/387,968 11 Jun/juin 2002 US (11.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL FLUORESCENT PROTEINS
• NOUVELLES PROTEINES FLUORESCENTES

(71) THE CHINESE UNIVERSITY OF HONG KONG [CN/CN]; Room 226, Pi Chiu Building, Shatin, N.T., Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(71) KREMER, Simon [GB/GB]; MEWBURN ELLIS, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
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(72, 75) WAN, David, Chi-Cheong [CN/CN]; 25C, Block 3, Baycrest, 8 Hang Ming Street, Shatin, N.T., Hong Kong (CN). IP, Denis, Tsz-Ming [CN/CN]; 35C, Block 4, Jubilee Garden, 2-18 Lok King Street, Shatin, N.T., Hong Kong (CN).

(74) KREMER, Simon, M. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47, 16/18, C12N 15/12, 15/10, 5/10, G01N 33/487, A61K 38/16, A61P 15/08

(11) WO 03/087151 (13) A1

(21) PCT/AU03/00422

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PS 1604 8 Apr/avr 2002 AU (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SPERM POLYPEPTIDE
• POLYPEPTIDE SPERMATIQUE

(71) MONASH UNIVERSITY [AU/AU]; Clayton Road, Clayton, VIC 3168 (AU).
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(72, 75) HICKOX, Deborah, Maree [AU/AU]; 18 Garden Avenue, East Brighton, VIC 3187 (AU). DE KRETZER, David, Morritz [AU/AU]; 1 Leura Street, Surrey Hills, VIC 3127 (AU). O'BRYAN, Moira, Kathleen [AU/AU]; 1/10 Ellesmere Road, Prahran, VIC 3181 (AU).

(74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47, G01N 33/58, C12N 15/12, 15/62, 5/10, C07K 16/18

(11) WO 03/087152 (13) A1

(21) PCT/CA03/00546

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,382 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LUMINESCENT MARKERS
• MARQUEURS LUMINESCENTS

(71) MOUNT SINAI HOSPITAL [CA/CA]; Samuel Lunenfeld Research Institute, Office of Technology Transfer & Industrial Liaison, 600 University Avenue, Toronto, Ontario M5G 1X5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOGUE, Christopher [CA/CA]; 2373 Eden Valley Dr., Oakville, Ontario L6H 6K9 (CA). SROKA, Susanna [CA/CA]; c/o Department of Chemistry, McMaster University,

1280 Main Street West, Room ABB-156, Hamilton, Ontario L8S 4M1 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/47

(11) WO 03/087153 (13) A1

(21) PCT/FR03/01159

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04578 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOUSE KRUPPEL-TYPE ZINC FINGER PROTEIN KNOX-25 AND THE USE OF THEREOF
• PROTEINE KNOX-25 EN DOIGT DE ZINC DE TYPE KRUPPEL DE SOURIS ET SON UTILISATION

(71) MOLECULAR ENGINES LABORATORIES [FR/FR]; 20, rue Bouvier, F-75011 Paris (FR).
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(72, 75) TELERMAN, Adam [BE/FR]; 6, rue du Pré-aux-Clercs, F-75007 Paris (FR). AMSON, Robert [LU/FR]; 10, rue Gay-Lussac, F-75005 Paris (FR). TUIJNDER, Marius [NL/BE]; Moestuinastraat 2, B-2800 Mechelen (BE).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C07K 14/47

(11) WO 03/087154 (13) A2

(21) PCT/FR03/01160

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04581 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SEQUENCES INVOLVED IN THE PHENOMENA OF TUMOUR SUPPRESSION, TUMOUR REVERSION, APOPTOSIS AND/OR RESISTANCE TO VIRUSES, AND THE USE OF THE SAME AS MEDICAMENTS

- SEQUENCES IMPLIQUEES DANS LES PHENOMENES DE SUPPRESSION TUMORALE, REVERSION TUMORALE, APOPTOSE ET/OU RESISTANCE AUX VIRUS ET LEUR UTILISATION COMME MEDICAMENTS

- (71) **MOLECULAR ENGINES LABORATORIES** [FR/FR]; 20, rue Bouvier, F-75011 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **TELERMAN, Adam** [BE/FR]; 6, rue du Pré-aux-Clercs, F-75007 Paris (FR). **AMSON, Robert** [LU/FR]; 10, rue Gay-Lussac, F-75005 Paris (FR). **TUIJNDER, Marius** [NL/BE]; Moestuinstraat 2, B-2800 Mechelen (BE).

- (74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

- (81) CA JP US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ C07K 14/47, C12N 15/12, 5/10, 1/15, 1/19, 1/21, C12Q 1/68, A61K 38/17, 39/395, 45/00, A61P 11/00, 13/12, 43/00, G01N 33/50, 33/15

- (11) WO 03/087155 (13) A1

- (21) PCT/JP03/04555

- (22) 10 Apr/avr 2003 (10.04.2003)

- (25) ja (26) ja

- (30) 2002-111271 12 Apr/avr 2002 JP (12.04.2002)

- (30) 2002-133133 8 May/mai 2002 JP (08.05.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • NOVEL PROTEIN AND DNA THEREOF
• NOUVELLE PROTEINE ET SON ADN

- (71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NAKANISHI, Atsushi** [JP/JP]; 1557-11, Hanamuro, Tsukuba-shi, Ibaraki 305-0025 (JP). **UNO, Yumiko** [JP/JP]; 12-1-601, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

- (74) **TAKAHASHI, Shuichi** et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07K 14/47

- (11) WO 03/087156 (13) A2

- (21) PCT/US03/11247

- (22) 10 Apr/avr 2003 (10.04.2003)

- (25) en (26) en

- (30) 10/119,477 10 Apr/avr 2002 US (10.04.2002)

- (30) 10/127,523 22 Apr/avr 2002 US (22.04.2002)

- (30) 10/133,885 26 Apr/avr 2002 US (26.04.2002)

- (30) 60/393,958 5 Jul/juil 2002 US (05.07.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHODS FOR PRODUCING, FILMS COMPRISING, AND METHODS FOR USING HETEROGENEOUS CROSSLINKED PROTEIN NETWORKS
• METHODES DE PRODUCTION ET D'UTILISATION DE RESEAUX PROTEIQUES HETEROGENES RETICULES ET FILMS CONTENANT CEUX-CI

- (71) **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, CA 78238-5166 (US).

- (72) **VAN DYKE, Mark, E.**; 8507 Percheron Circle, Fair Oaks Ranch, TX 78015 (US).

- (74) **MORRIS, Paula, D.**; Paula D. Morris & Associates, P.C., Suite 360, 10260 Westheimer, Houston, TX 77042 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07K 14/52

- (11) WO 03/087157 (13) A2

- (21) PCT/US03/11088

- (22) 11 Apr/avr 2003 (11.04.2003)

- (25) en (26) en

- (30) 60/372,173 12 Apr/avr 2002 US (12.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DIFFERENTIALLY EXPRESSED GENES INVOLVED IN ANGIOGENESIS, THE PROTEINS ENCODED THEREBY, AND METHODS OF USING THE SAME

- GENES EXPRIMES DE MANIERE DIFFERENTIELLE IMPLIQUES DANS L'ANGIOGENESE, PROTEINES CODEES PAR CEUX-CI, ET PROCEDES D'UTILISATION ASSOCIES

- (71) **PHARMACIA CORPORATION** [US/US]; Corporate Patent Department, P.O. Box 1027, St. Louis, MI 63006 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WEINSTEIN, Edward, J.** [US/US]; 15449 Highcroft Drive, Chesterfield, Missouri 63017 (US). **HEAD, Richard, D.** [US/US]; 837 Liberty Village Drive, Florissant, MI 63031 (US). **MAZZARELLA, Richard** [US/US]; 135 Dornell Drive, Webster Groves, MI 63119 (US). **GRIGGS, David, W.** [US/US]; 1237 Oak Borough Drive, Ballwin, MI 63021 (US).

- (74) **BAUER, S. Christopher**; Pharmacia Corporation, Corporate Patent Department, P.O. Box 1027, St. Louis, MI 63006 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07K 14/70, C12Q 1/68, G01N 33/68

- (11) WO 03/087158 (13) A2

- (21) PCT/EP03/03713

- (22) 10 Apr/avr 2003 (10.04.2003)

- (25) en (26) en

- (30) 60/372,899 16 Apr/avr 2002 US (16.04.2002)

- (30) 60/375,139 22 Apr/avr 2002 US (22.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • REGULATION OF HUMAN TRANSDUCER RECEPTOR POTENTIAL CHANNEL

- REGULATION DE CANAL POTENTIEL RECEPTEUR TRANSITOIRE HUMAIN

- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SHIROO, Masahiro** [JP/GB]; 20 Lady Jerny Way, Teversham, Cambridgeshire CB1 5BE (GB). **YAMAMOTO, Noriyuki** [JP/JP]; 6-6-1-3-404, Jingu, Nara-shi, Nara 631-0804 (JP). **HAYASHI, Fumihiko** [JP/JP]; 5-1-3-17-402, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP). **FLOECKNER, Johannes** [AT/JP]; 8-9-601, Higashikoze-cho, Tennoji-ku, Osaka-shi, Osaka 543-0021 (JP). **REINEMER, Peter** [DE/DE]; Am Eckbusch 35/48, 42113 Wuppertal (DE). **ENCINAS, Jeffrey** [US/JP]; 464-1-1401, Toroyama-cho, Nishikikoji-sagaru, Nishinotoindori,

Nakagyo-ku, Kyoto-shi, Kyoto 604-8225 (JP). **WATANABE, Shinichi** [JP/JP]; 6-3-1-504, Jingu, Nara-shi, Nara 631-0804 (JP). **TAJIMI, Masaomi** [JP/JP]; 1-8-17, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP). **KOKUBO, Toshio** [JP/JP]; 3-15-18B, Jingu, Nara-shi, Nara 631-0804 (JP).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C07K 14/705

(11) WO 03/087159 (13) A2

(21) PCT/GB03/01525

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en	(26) en	
(30) 0207930.9	5 Apr/avr 2002 (05.04.2002)	GB
(30) 0207929.1	5 Apr/avr 2002 (05.04.2002)	GB
(30) 0212282.8	28 May/mai 2002 (28.05.2002)	GB
(30) 0212283.6	28 May/mai 2002 (28.05.2002)	GB
(30) PCT/GB2/03397	25 Jul/juil 2002 (25.07.2002)	GB
(30) PCT/GB2/03426	25 Jul/juil 2002 (25.07.2002)	GB
(30) 0220913.8	10 Sep/sep 2002 (10.09.2002)	GB
(30) 0220912.0	10 Sep/sep 2002 (10.09.2002)	GB
(30) 0300234.2	7 Jan/jan 2003 (07.01.2003)	GB
(43) 23 Oct/oct 2003 (23.10.2003)		

(54) • MEDICAL TREATMENT

• TRAITEMENT MEDICAL

(71) **LORANTIS LIMITED** [GB/GB]; 410 Cambridge Science Park, Cambridge CB4 0PE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BODMER, Mark, William** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **BRIEND, Emmanuel, Cyrille, Pascal** [FR/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **CHAMPION, Brian, Robert** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **LENNARD, Andrew, Christopher** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **MCKENZIE, Grahame, James** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **WARD, George, Albert** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **YOUNG, Lesley, Lynn** [GB/GB]; Lorientis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB).

(74) **MALLALIEU, Catherine, Louise**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/75, A61K 38/17, A61P 7/00

(11) WO 03/087160 (13) A1

(21) PCT/NL03/00293

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en	(26) en	
(30) 1020426	18 Apr/avr 2002 (18.04.2002)	NL

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODIFICATION OF THE PROPERTIES OF A FIBRIN MATRIX WITH RESPECT TO GROWTH AND INGROWTH OF CELLS

• MODIFICATION DES PROPRIETES D'UNE MATRICE DE FIBRINE PAR RAPPORT A LA CROISSANCE ET A L'INTERPOSITION DES CELLULES

(71) **NEDERLANDSE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPELIJK ONDERZOEK TNO** [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE MAAT, Monica, Petronella**, Maria [NL/NL]; Mathenesserlaan 249, NL-3021 HD Rotterdam (NL). **KOOLWIJK, Pieter** [NL/NL]; Rottumstraat 4, NL-1825 NM Alkmaar (NL).

(74) **PRINS, A.W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/755, 7/08, A61K 38/37, 38/10

(11) WO 03/087161 (13) A1

(21) PCT/EP03/04063

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en	(26) en	
(30) 02008712.8	18 Apr/avr 2002 (18.04.2002)	EP
(30) 03006554.4	24 Mar/mar 2003 (24.03.2003)	EP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODIFIED FACTOR VIII

• FACTEUR VIII MODIFIE

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Tim** [GB/GB]; 27 Brick Row, Babraham, Cambridge CB2 4AJ (GB). **BAKER, Matthew** [GB/GB]; 259A Hills Road, Cambridge CB2 2RP (GB). **CARR, Francis, J.** [GB/GB]; Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8XU (GB).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C07K 14/82, G01N 33/48, A61K 48/00,
38/00, C12Q 1/68

(11) WO 03/087162 (13) A2

(21) PCT/EP03/04083

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02008773.0 18 Apr/avr 2002 EP
(18.04.2002)

(30) 02008771.4 18 Apr/avr 2002 EP
(18.04.2002)

(30) 02008774.8 18 Apr/avr 2002 EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEOPEPTIDES AND METHODS USE-
FUL FOR DETECTION AND TREAT-
MENT OF CANCER

• NEOPEPTIDES ET PROCEDES UTI-
LISES DANS LA DETECTION ET LE
TRAITEMENT DU CANCER

(71) MTM Laboratories AG [DE/DE]; Im
Neuenheimer Feld 519, 69120 Heidelberg
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VON KNEBEL-DOEBERITZ, Mag-
nus [DE/DE]; Molekulare Pathologie,
Pathologisches Institut des Universitäts-
sklinikums, Im Neuenheimer Feld 220/221
(DE). GEBERT, Johannes [DE/DE];
Frauenpfad 13, 69221 Heidelberg (DE).
LINNEBACHER, Michael [DE/DE];
Zum Klopp 23, 66578 Stettweiler (DE).
WÖRNER, Stefan [DE/DE]; Dantestr. 26,
69115 Heidelberg (DE). RIDDER, Rüdiger
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Schriesheim (DE). BORK, Peer [DE/DE];
Schlossberg 21, 69117 Heidelberg (DE).
YUAN, Yan Ping [DE/DE]; Mayerhofstr. 1,
69118 Heidelberg (DE).

(74) SCHÜSSLER, Andreas; Huber &
Schüssler, Truderinger Str. 246, 81825
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C07K 16/46, C12N 15/09

(11) WO 03/087163 (13) A1

(21) PCT/JP03/04773

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112369 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF CONSTRUCTING scDb
LIBRARY

• PROCEDE D'ELABORATION D'UNE
BANQUE SCDB

(71) CHUGAI SEIYAKU KABUSHIKI
KAISHA [JP/JP]; 5-1, Ukima 5-chome,
Kita-ku, Tokyo 115-8543 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOJIMA, Tetsuo [JP/JP]; c/o CHUGAI
SEIYAKU KABUSHIKI KAISHA, 135,
Komakado 1-chome, Gotenba-shi, Shizuoka
412-8513 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu
Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi,
Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08B 30/18, A61K 33/26, 31/715, A61P
7/06

(11) WO 03/087164 (13) A1

(21) PCT/DK03/00228

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PA 2002 00512 9 Apr/avr 2002 DK
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IRON DEXTRIN COMPOUNDS FOR
THE TREATMENT OF IRON DEFICI-
ENCY ANAEMIA

• COMPOSES DE DEXTRINE DE FER
CONCUS POUR TRAITER UNE ANE-
MIE FERRIPRIVE

(71) PHARMACOSMOS HOLDING A/S
[DK/DK]; Frederiksborgvej 27, DK-4000
Roskilde (DK).

(72) ANDREASEN, Hans, Berg; Vænget 2,
DK-4130 Viby Sjælland (DK). CHRIS-
TENSEN, Lars; Frederiksborgvej 27,
DK-4000 Roskilde (DK).

(74) RASMUSSEN, Preben et al. / etc.; Inter-
national Patent-Bureau A/S, Hoje Taastrup
Boulevard 23, DK-2630 Taastrup (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL

PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C08B 37/00, C08H 1/00, C08B 31/12,
11/06, 11/12, 11/193, 13/00, C08H 1/06,
C08G 65/48, C08F 8/18, 216/06, C08G
73/02, A61K 49/06, 49/12, 49/14, 49/16

(11) WO 03/087165 (13) A2

(21) PCT/US03/11039

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,500 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BIOCOMPATIBLE MATERIALS AND
PROBES

• MATERIAUX ET SONDÉS BIOCOMPA-
TIBLES

(71) CARBOMER [US/US]; 6324 Ferris Square,
San Diego, CA 92121 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YALPANI, Manssur [US/US]; 17136
Blue Skies Ridge, Rancho Sante Fe, CA
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(74) SALIWANCHIK, David, R. et al. / etc.;
Saliwanchik, Lloyd & Saliwanchik, Suite
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32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08F

(11) WO 03/087166 (13) A2

(21) PCT/US03/10528

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/371,049 8 Apr/avr 2002 US
(08.04.2002)(30) 10/192,598 9 Jul/juil 2002 US
(09.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHOTOACTIVATABLE SILANE COMPOUNDS AND METHODS FOR THEIR SYNTHESIS AND USE

• COMPOSES DE SILANE PHOTO-AC-TIVABLES ET PROCEDE POUR LES SYNTHETISER ET POUR LES UTILISER

(63) US 10/192,598 (CON)
9 Jul/juil 2002 (09.07.2002)US 60/371,049 (CON)
8 Apr/avr 2002 (08.04.2002)(71) AFFYMETRIX, INC. [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Handong [CN/US]; 277 Vineyard Drive, San Jose, CA 95119 (US). MCGALL, Glenn, H. [CA/US]; 4644 Doyle Court, San Jose, CA 95129 (US).

(74) TREANNIE, Lisa, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F

(11) WO 03/087167 (13) A2

(21) PCT/US03/10694

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,308 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CROSS-METATHESIS OF OLEFINS DIRECTLY SUBSTITUTED WITH AN ELECTRON-WITHDRAWING GROUP USING TRANSITION METAL CARBENE CATALYSTS

• METATHESE CROISEE D'OLEFINES DIRECTEMENT SUBSTITUEES PAR UN GROUPE ACCEPTEUR D'ELECTRONS A L'AIDE DE CATALYSEURS AU CARBENE DE METAUX DE TRANSITION

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).

(72) GRUBBS, Robert, H.; 1700 Spruce Street, South Pasadena, CA 91030 (US). MORGAN, John, P.; 4001 Laurel Avenue, Moosic, PA 18507-1411 (US). LOVE, Jennifer, A.; 222 S. Holliston Avenue #204, Pasadena, CA 92215 (US). TRNKA, Tina, M.; 278 South Oak Knoll Avenue #2, Pasadena, CA 91101 (US).

(74) REED, Dianne, E. et al. / etc.; Reed & Eberle LLP, Suite 210, 800 Menlo Avenue, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 2/22

(11) WO 03/087168 (13) A1

(21) PCT/EP03/03243

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 02076430.4 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CO-METERING OF ORGANIC INITIATORS AND PROTECTIVE COLLOIDS DURING POLYMERIZATION REACTIONS

• MESURES ASSOCIEES D'INITIATEURS ORGANIQUES ET DE COLLOIDES DE PROTECTION PENDANT DES REACTIONS DE POLYMERISATION

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).

(72) WESTMIJZE, Hans; Burg. Boreellaan 1, NL-7437 BB Bathmen (NL). VANDUFFEL, Koen, Antoon, Cornelis; Stevinhof 18, NL-7424 AH Deventer (NL). MEULENBRUGGE, Lambertus; De Gemeint 11, 6931 HZ Westervoort (NL). VAN SWIETEN, Andreas, Petrus; Reinaldstraat 6, NL-6883 HM Velp (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 4/64, 10/00

(11) WO 03/087169 (13) A1

(21) PCT/US03/06449

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(30) 10/117,903 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OLEFIN POLYMERIZATION CATALYSTS CONTAINING TRIQUINANE LIGANDS

• CATALYSEURS DE POLYMERISATION D'OLEFINES CONTENANT DES LIGANDS TRIQUINANE

(71) EQUISTAR CHEMICALS, LP [US/US]; One Houston Center, 1221 McKinney Street, Houston, TX 77010 (US).

(72) SCHUCHARDT, Jonathan, L.; 1041 Colin Drive, Royersford, PA 19468 (US).

(74) SCHUCHARDT, Jonathan, L. et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 6/00, 6/10, 20/56, 220/56, 120/56

(11) WO 03/087170 (13) A1

(21) PCT/AU03/00431

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) PS 1667 10 Apr/avr 2002 AU
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYACRYLAMIDE HYDROGELS
• HYDROGELS POLYACRYLAMIDES(71) GRADIPORE LIMITED [AU/AU]; 22 Rodborough Road, Frenchs Forest, NSW 2086 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOLOMON, David, Henry [AU/AU]; 25 Doris Street, Murrumbidgee, VIC 3163

- (AU). **QIAO, Greg, GuangHua** [AU/AU]; 4 Larool Close, Doncaster East, VIC 3109 (AU). **CAULFIELD, Marcus, Julian** [AU/AU]; 9B Anson Court, Ashburton, VIC 3147 (AU). **HAO, Xiaojuang** [AU/AU]; 21 Windella Crescent, Glen Waverley, VIC 3150 (AU).
- (74) **ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS**; The Chifley Tower, 2 Chifley Square, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 8/42, C08G 77/442, C08L 9/00, 21/00, 83/10, C08K 3/00, 5/098, 5/057, B60C 1/00**
- (11) **WO 03/087171** (13) A1
- (21) PCT/JP03/04632
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) ja (26) ja
- (30) 2002-110285 **12 Apr/avr 2002 JP (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR PRODUCING MODIFIED POLYMER, MODIFIED POLYMER OBTAINED BY THE PROCESS, AND RUBBER COMPOSITION
- PROCEDE DE PRODUCTION DE POLYMERES MODIFIE, POLYMERES AINSI OBTENU ET COMPOSITION ELASTOMERE
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENDOU, Noriko** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). **OZAWA, Youichi** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP).
- (74) **OHTANI, Tamotsu**; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ **C08F 8/46, 255/02, C09J 123/26, 151/06**
- (11) **WO 03/087172** (13) A1
- (21) PCT/JP03/04631
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) ja (26) ja
- (30) 2002-110327 **12 Apr/avr 2002 JP (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR PRODUCTION OF MODIFIED PROPYLENE POLYMERS AND MODIFIED PROPYLENE POLYMERS PRODUCED BY THE PROCESS
- PROCEDE DE PRODUCTION DE POLYMERES DE PROPYLENE MODIFIES ET POLYMERES DE PROPYLENE MODIFIES PRODUITS AU MOYEN DE CE PROCEDE
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANAMARU, Masami** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **MINAMI, Yutaka** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **ABURATANI, Ryo** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **TATSUMI, Tomio** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **FUJIMURA, Takenori** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) **OHTANI, Tamotsu et al.** / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **C08F 8/50**
- (11) **WO 03/087173** (13) A2
- (21) PCT/FR03/01227
- (22) **16 Apr/avr 2003 (16.04.2003)**
- (25) fr (26) fr
- (30) 02/04876 **18 Apr/avr 2002 FR (18.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR TRANSFORMATION AND/OR RECYCLING OF POLYMERS OR COPOLYMERS
- PROCEDE DE TRANSFORMATION ET/OU RECYCLAGE DE POLYMERES OU COPOLYMERES
- (71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)** [FR/FR]; 3, rue Michel Ange, F-75016 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOBLEY, Olivier** [FR/FR]; 7, ruelle Ecomée, F-21210 SAULIEU (FR). **DA CRUZ, Fernando** [FR/FR]; 155, rue Léon Blum, F-69100 VILLEURBANNE (FR). **BASSET, Jean-Marie** [FR/FR]; 18bis, chemin J.B. Gilliard, F-69300 CALUIRE (FR). **MARANGELLI, Catherine** [FR/FR]; 23, boulevard Eugène Deruelle, F-69003 LYON (FR). **NICCOLAI, Véronique** [FR/FR]; 1, rue Pr. Calmette, F-69100 VILLEURBANNE (FR). **LUCAS, Christine** [FR/FR]; 54, allée du Bugey, F-69330 JON-AGE (FR).
- (74) **COLOMBET, Alain et al.** / etc.; CABINET LAVOIX, 2 Place d'Estienne d'Orves, F-75009 PARIS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 22/00**
- (11) **WO 03/087174** (13) A2
- (21) PCT/EP03/03498
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) de (26) de
- (30) 102 17 314.1 **18 Apr/avr 2002 DE (18.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CARBOCYCLIC AND OXACARBOCYCLIC FUMARIC ACID OLIGOMERS
- OLIGOMERES CARBOCYCLIQUES ET OXYCARBOCYCLIQUES D'ACIDE FUMARIQUE
- (71) **FUMAPHARM AG** [CH/CH]; Seetalstrasse 5, CH-5630 Muri (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOSHI, Rajendra, Kumar** [CH/CH]; Altstetterstrasse 224, CH-8048 Zürich (CH). **STREBEL, Hans-Peter** [CH/CH]; Haldenstrasse 24, CH-6006 Luzern (CH).
- (74) **SCHWABE, Hans-Georg et al.** / etc.; Stuntzstrasse 16, 81677 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 110/06, C08K 5/15, 3/00, 5/09, 5/10, 5/12**
- (11) **WO 03/087175** (13) A1
- (21) PCT/US03/10522
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 10/121,224 **12 Apr/avr 2002 US (12.04.2002)**
- (30) 10/121,400 **12 Apr/avr 2002 US (12.04.2002)**

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HIGHLY NUCLEATED SYNDIOTACTIC POLYPROPYLENE
• POLYPROPYLENE SYNDIOTACTIQUE HAUTEMENT NUCLEE
- (71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
- (72) DOTSON, Darin L.; 4150 Shepard Road, Spartanburg, SC 29301 (US).
- (74) PARKS, William S.; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 116/14, D06M 15/353
- (11) WO 03/087176 (13) A1
- (21) PCT/US03/03257
- (22) 4 Feb/fév 2003 (04.02.2003)
- (25) en (26) en
- (30) 10/117,715 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DISPERSIONS CONTAINING PERFLUOROVINYL ETHER HOMOPOLYMERS AND USE THEREOF
• DISPERSIONS CONTENANT DES HOMOPOLYMERES DE PERFLUOROVINYLETHER ET UTILISATION DE CELLES-CI
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) TAN, Lian, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BUCKANIN, Richard, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MCALISTER, E., Steven; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) KOKKO, Kent S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ C08F 210/00

(11) WO 03/087177 (13) A2

(21) PCT/US03/11456

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,300 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ETHYLENE-STYRENE COPOLYMERS AND PHENOL-TRIAZOLE TYPE COMPLEXES, CATALYSTS, AND PROCESSES FOR POLYMERIZING
• COPOLYMERES D'ETHYLENE-STYRENE ET COMPLEXES DE TYPE PHENOL-TRIAZOLE, CATALYSEURS, ET PROCÉDES DE POLYMERISATION

(71) SYMYX TECHNOLOGIES, INC. [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUMMER, Oliver [DE/DE]; Spandauer Str. 2, D-1311 WE Berlin (DE). DIAMOND, Gary, M. [GB/US]; 90 S. 13th Street, Apt. 1, San Jose, CA 95112 (US). GOH, Christopher [DE/US]; 629 Lakeview Avenue, San Francisco, CA 94112 (US). LaPointe, Anne, M. [US/US]; 475 Wilson Avenue, Sunnyvale, CA 94086 (US). LECLERC, Margarete, K. [DE/US]; 588 Cambridge Drive, Santa Clara, CA 95051 (US). LONGMIRE, James [US/US]; 1800 Stokes Avenue, Apt. 117, San Jose, CA 95126 (US). SHOEMAKER, James, A., W. [US/US]; 666 South 9th Street, Apt. 4, San Jose, CA 95112 (US).

(74) STONE, Paul, A.; Symyx Technologies, Inc., 3100 Central Expressway, Santa Clara, CA 95051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 210/02, 212/00, 8/00

(11) WO 03/087178 (13) A1

(21) PCT/US03/10844

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/372,495 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • LOW MOLECULAR WEIGHT COPOLYMER OF ETHYLENE AND VINYL AROMATIC MONOMER AND USES THEREOF

• COPOLYMERES D'ETHYLENE A FAIBLE POIDS MOLECULAIRE ET MONOMERE AROMATIQUE VINYL- LIQUE ET LEURS UTILISATIONS

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSEN, Robert, K. [US/US]; Post Office Box 547, Lafayette, CA 94549 (US). KARJALA, Teresa [US/US]; 56 Mandevilla Court, Lake Jackson, TX 77566 (US). YALVAC, Selim [US/US]; 210 Teakwood, Lake Jackson, TX 77566 (US). CHEUNG, Yunwa, W. [US/US]; 104 Rosemary Lane, Lake Jackson, TX 77566 (US). GUEST, Martin, J. [GB/DE]; Ringstrasse 9, 77836 Rheinfelden (DE). KOLTHAMMER, Brian, W.S. [CA/US]; 109 Rosewood, Lake Jackson, TX 77566 (US). UELIGGER, Steven, M. [US/US]; 2840 Remington, Angleton, TX 77515 (US).

(74) SPENCER, Lee; The Dow Chemical Company, Intellectual Property, B-1211, 2301 Brazosport Blvd., Freeport, TX 77541 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 216/14, 261/06, 2/24, D06M 15/353

(11) WO 03/087179 (13) A1

(21) PCT/US03/04070

(22) 12 Feb/fév 2003 (12.02.2003)

(25) en (26) en

(30) 10/117,714 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DISPERSIONS CONTAINING BICOMPONENT FLUOROPOLYMER PARTICLES AND USE THEREOF

- DISPERSIONS CONTENANT DES PARTICULES DE FLUOROPOLYMERES A DEUX COMPOSANTES, ET LEURS UTILISATIONS

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BUCKANIN, Richard, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **TAN, Lian, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MCALISTER, E., Steven**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **KOKKO, Kent, S. et al.** / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **C08F 220/12, A61K 9/58**

(11) **WO 03/087180** (13) A2

(21) PCT/GB03/01531

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 0201110-4 **12 Apr/avr 2002 (12.04.2002)** SE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **NEW FILM COATING**

• **PELLICULAGE NOUVEAU**

(71) **ASTRAZENECA AB** [SE/SE]; Sodertalje, S-151 85 (SE).

(for all designated States except / pour tous les États désignés sauf MG US)

(71) **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).

(only for / seulement pour MG)

(72, 75) **KARLSSON, Ola, J** [SE/SE]; Lund University, Box 124, S-221 00 Lund (SE). **HJARTSTAM, Lars, Johan, Pontus de Verdier** [SE/SE]; AstraZeneca R & D Molndal, S-431 83 Molndal (SE). **SCHANTZ, Staffan** [SE/SE]; AstraZeneca R & D Molndal, S-431 83 Molndal (SE).

(74) **ASTRAZENECA**; Global Intellectual Property, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08F 290/02, 299/02, 2/50 // C09J 9/00, 11/06**

(11) **WO 03/087181** (13) A1

(21) PCT/JP03/05006

(22) **18 Apr/avr 2003 (18.04.2003)**

(25) ja (26) ja

(30) 2002-116644 **18 Apr/avr 2002 (18.04.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **VISIBLE-LIGHT-CURABLE RESIN COMPOSITION**
• **COMPOSITION DE RESINE PHOTO-POLYMERISABLE VISIBLE**

(71) **HENKEL LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAN, Yoke Ai** [MY/JP]; 1-13-1-207, Shitanoyacho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0047 (JP).

(74) **MIYAZAKI, Teruo et al.** / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08G**

(11) **WO 03/087182** (13) A2

(21) PCT/US03/11426

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,270 **11 Apr/avr 2002 (11.04.2002)** US

(30) 10/412,607 **10 Apr/avr 2003 (10.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **MIXER**

• **MELANGEUR**

(71) **MOBIUS TECHNOLOGIES, INC.** [US/US]; 355-D Crown Point Circle, Grass Valley, CA 95945 (US).

(72) **MARTEL, Bryan, Louis**; 13016 Morro Drive, Nevada City, CA 95959 (US). **VILL-WOCK, Robert, Donald**; 10555 Bragg Avenue, Grass Valley, CA 95945 (US). **WELCH, Bruce, Edward**; 2306 Babson Drive, Elk Grove, CA 95758 (US). **COCHRAN, Joseph, Richard**; 11997 Hanley Drive, Grass Valley, CA 95949 (US). **EEN, Joshua, Eli**; 15522 Ricky Court, Grass Valley, CA 95949 (US).

(74) **GATHY, Andrew, D. et al.** / etc.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08G 18/08, 18/12, 18/28, 18/32, 18/42, 18/48, 18/61, 18/66, C09D 175/04**

(11) **WO 03/087183** (13) A1

(21) PCT/US03/06785

(22) **7 Mar/mar 2003 (07.03.2003)**

(25) en (26) en

(30) 60/370,135 **5 Apr/avr 2002 (05.04.2002)** US

(30) 10/174,899 **19 Jun/juin 2002 (19.06.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BREATHABLE POLYURETHANES, BLENDS, AND ARTICLES**

• **POLYURETHANES IMPER-RESPIRANTS, MELANGES ET ARTICLES**

(71) **NOVEON IP HOLDINGS CORP.** [US/US]; 9911 Brecksville Road, Cleveland, Ohio 44141-3247 (US).

(72) **LUBNIN, Alexander, V.**; 656 Southhampton Court, Copley, OH 44321 (US). **SNOW, George, E.**; 209 Overlook Drive, Medina, OH 44256 (US). **VARN, Ronald, D.**; 2209 Diamond NE, North Canton, OH 44721 (US). **ANDERLE, Gary, A.**; 6126 Strafford Drive, North Olmsted, OH 44070 (US).

(74) **DUNLAP, Thoburn, T. et al.** / etc.; Noveon, Inc., Legal Department, 9911 Brecksville Road, Cleveland, OH 44141-3247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ C08G 18/42

(11) WO 03/087184 (13) A1

(21) PCT/US03/11259

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/118,548 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMIFLEXIBLE AND FLEXIBLE POLYURETHANE FOAMS HAVING LOW FOGGING CHARACTERISTICS AND IMPROVED PHYSICAL PROPERTIES

• MOUSSES DE POLYURETHANNE SOUPLES ET SEMI-SOUPLES A FAIBLES CARACTERISTIQUES D'EMBUAGE ET A PROPRIETES PHYSIQUES AMELIOREES

(71) CROMPTON CORPORATION [US/US]; Benson Road, Middlebury, CT 06749 (US).

(72) CHANGE, Wally, Liyuan; 84 Windom Street, White Plains, NY 10607 (US).

(74) DILWORTH, Michael, P.; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/76, 18/12, 18/08, C08K 5/00

(11) WO 03/087185 (13) A1

(21) PCT/US03/10001

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 60/371,253 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER CURABLE POLYURETHANE COMPOSITIONS AND USES THEREOF

• COMPOSITIONS DE POLYURETHANNE DURCISABLE EN PRESENCE D'EAU ET UTILISATIONS ASSOCIEES

(71, 72) GUPTA, Laxmi, C. [US/US]; 2852 Mainway Drive, Los Alamitos, CA 90720 (US).

(74) BJORKMAN, Dale, A. et al. / etc.; Kagan Binder, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 59/14, G03F 7/027

(11) WO 03/087186 (13) A1

(21) PCT/JP03/04121

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-97023 29 Mar/mar 2002 JP (29.03.2002)

(30) 2002-360311 12 Dec/déc 2002 JP (12.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • UNSATURATED POLYBRANCHED COMPOUNDS, CURABLE COMPOSITIONS CONTAINING THE SAME AND CURED ARTICLES THEREOF

• COMPOSES INSATURES A RAMIFICATIONS MULTIPLES. COMPOSITIONS DURCISABLES LES CONTENANT, ET ARTICLES DURCIS QU'ILS PERMETTENT DE REALISER

(71) TAIYO INK MANUFACTURING CO., LTD. [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYABE, Hidekazu [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).

(74) YOSHIDA, Shigeki; Room 1103, Harada Bldg., 14-2, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C08G 59/20, G03F 7/038

(11) WO 03/087187 (13) A1

(21) PCT/JP03/04666

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-112353 15 Apr/avr 2002 JP (15.04.2002)

(30) 2002-331948 15 Nov/nov 2002 JP (15.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTINIC RADIATION HARDENABLE RESIN COMPOSITION AND HARDENING PRODUCT THEREOF

• COMPOSITION DE RESINE DURCISABLE AUX RAYONNEMENTS ACTINIQUES ET PRODUIT DE DURCISSEMENT DE CETTE DERNIERE

(71) TOAGOSEI CO., LTD. [JP/JP]; 1-14-1, Nishi Shimbashi, Minato-ku, Tokyo 105-8419 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INATA, Kazumasa [JP/JP]; c/o Toagosei Co., Ltd., 1-1, Fumani-cho, Minato-ku, Nagoya-shi, Aichi 455-0027 (JP).

(74) NOGUCHI, Yasuhiro; Nishi-shimbashi 3-Mori Bldg., 4-10, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 61/08, C07H 21/00

(11) WO 03/087188 (13) A1

(21) PCT/US02/12071

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/286,615 26 Apr/avr 2001 US (26.04.2001)

(30) 09/830,620 26 Apr/avr 2001 US (26.04.2001)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OLIGONUCLEOTIDE-MODIFIED ROMP POLYMERS AND CO-POLYMERS

• POLYMERS ET COPOLYMERES ROMP A MODIFICATION OLIGONUCLEOTIDIQUE

(71) NANOSPHERE, INC. [US]; 1818 Skokie Boulevard, Northbrook, IL 60062 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MIRKIN, Chad, A.** [US/US]; 111 16th Street, Willmette, IL 60091 (US). **NGUYEN, SonBinh, T.** [US]; 2044 Pratt Court, Evanston, IL 60201-3116 (US). **WATSON, Keith, J.** [US/US]; 2408 Morning Dawn Drive, Midland, MI 48642 (US). **PARK, So-Jung** [KR/US]; 800 Custer Avenue, Apt. #3H, Evanston, IL 60202 (US).

- (74) **MIAO, Emily;** McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 63/06, 63/08, 63/91, 65/08, 65/14, 69/14, 69/40, A61L 17/12

(11) WO 03/087189 (13) A1

(21) PCT/CA03/00487

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/369,808 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FUNCTIONALIZED POLYMERS AND THEIR BIOMEDICAL AND PHARMACEUTICAL USES

- POLYMERES FONCTIONNALISES ET LEURS UTILISATIONS BIOMEDICALES ET PHARMACEUTIQUES

- (71) **UNIVERSITE DE MONTREAL** [CA/CA]; 2900 blv Edouard Montpetit, Montreal, Quebec H3T 1J4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HILDGEN, Patrice** [CA/CA]; 779 Montée Gravel, Montreal, Quebec H7X 2A9 (CA). **LECLAIR, Grégoire** [CA/CA]; 8246 St André, Montreal, Quebec H2P 1Y5 (CA). **QUESNEL, Richard** [CA/CA]; 5320 St Dominique, apt. 8, Montreal, Quebec H2T 1V4 (CA).

- (74) **ORLHAC, Thierry;** Robic, 55 St Jacques, Montreal, Quebec H2Y 3X2 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C08G 63/64, 63/80, 64/00

(11) WO 03/087190 (13) A1

(21) PCT/US03/08494

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/118,634 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD OF PREPARING POLYESTERCARBONATES

- PROCEDE DE PREPARATION DE POLYESTERCARBONATES

- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

- (72) **MCCLOSKEY, Patrick, Joseph;** 10 Meadowbrook Road, Watervliet, NY 12189 (US). **SMIGELSKI, Paul, Michael;** 2104 Chestow Road, Schenectady, NY 12303 (US).

- (74) **WINTER, Catherine, J. et al. / etc.;** General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06828 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 63/82, C08K 5/5313

(11) WO 03/087191 (13) A1

(21) PCT/DE03/01241

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 834.2 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR PRODUCING MELT-STABLE HOMO- AND COPOLYESTERS OF CYCLIC ESTERS AND/OR DIESTERS

- PROCEDE DE PRODUCTION D'HOMOPOLYESTERS OU DE COPOLYESTERS D'ESTERS ET/OU DE DIESTERS CYCLIQUES

- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE). **SCHILL & SEILACHER AG** [DE/DE]; Schoenaicher Strasse 205, 71032 Boeblingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **RAFLER, Gerald** [DE/DE]; Am Brunnen 4, 14473 Potsdam (DE). **BECHTHOLD, Inna** [DE/DE]; Gardeschuetzenweg 12, 12203 Berlin (DE). **RIECKERT, Horst** [DE/DE]; Eduard-Conz-Strasse 12, 75365 Calw (DE).

- (74) **LEONHARD, Reimund et al. / etc.;** Leonhard Olgemoeller Fricke, Postfach 10 09 62, 80083 München (DE).

(81) US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C08G 63/91, C09D 167/08

(11) WO 03/087192 (13) A1

(21) PCT/US03/10390

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/121,229 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FAST-DRY, HIGH SOLIDS COATING COMPOSITIONS BASED ON ACETOACETATE-FUNCTIONALIZED ALKYD RESINS

- COMPOSITIONS DE REVETEMENT A HAUTE TENEUR EN SOLIDES, A SECHAGE RAPIDE, A BASE DE RESINES ALKYDES FONCTIONNALISEES PAR ACETO-ACETATE

- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

- (72) **KUO, Thauming;** 1400 Lamar Court, Kingsport, TN 37664 (US). **GROSSO, Paul, Vincent;** 2224 Barrett Drive, Algonquin, IL 60102 (US). **SPLIMAN, Gary, Eugene;** 934 South Meadowlark Lane, Mindland, MI 48640 (US). **CLARK, Mark, Dwight;** 271 Old Cooks Valley Road, Kingsport, TN 37664 (US).

- (74) **CARRIER, Michael, K.;** P.O. Box 511, Kingsport, TN 37662-5075 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 69/04, 69/14, 69/48, C08F 299/02

(11) WO 03/087193 (13) A1

(21) PCT/EP03/03830

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 17 433.4 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHERENTLY CROSS-LINKABLE
POLYAMIDES

• POLYAMIDES INTRINSEQUEMENT
RETICULABLES

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; ., 67056 Ludwigshafen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WINTERLING, Helmut [DE/DE];
Wittelsbachstr. 7, 67061 Ludwigshafen
(DE). DEININGER, Jürgen [DE/DE];
Robert-Koch-Str.48, 68723 Oftersheim (DE).
KREMPEL, Kurt [DE/DE]; Amselweg 10,
67127 Rödersheim-Gronau (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056
LUDWIGSHAFEN (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C08G 73/10, 69/26, B32B 27/00

(11) WO 03/087194 (13) A1

(21) PCT/US03/10581

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/373,342 5 Apr/avr 2002 US
(05.04.2002)

(30) 10/414,562 7 Apr/avr 2003 US
(07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYIMIDES FROM 2,3,3',4'-
BIPHENYL TETRACARBOXYLIC DI-
ANHYDRIDE AND AROMATIC DI-
AMINES

• POLYIMIDES OBTENUS A PARTIR
DE DIANHYDRIDE 2,3,3',4'-BIPHE-
NYLTETRACARBOXYLIQUE ET DE
DIAMINES AROMATIQUES

(71) UNITED STATES OF AMERICA AS
REPRESENTED BY THE ADMINIS-
TRATOR OF THE NATIONAL AERO-
NAUTICS AND SPACE ADMINISTRA-
TION [US/US]; 300 E. Street. SW, Wash-
ington, DC 20546 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HERGENROTHER, Paul, M.
[US/US]; 304 Old Dominion Road, York-
town, VA 23692 (US). SMITH, Joseph,
G., Jr. [US/US]; 208 Smith Drive, Smith-
field, VA 23430 (US). CONNELL, John,
W. [US/US]; 204 Henry Lee Lane, York-
town, VA 23692 (US). WATSON, Kent, A.
[US/US]; 5735 North Courthouse Road, New
Kent, VA 23124 (US).

(74) EDWARDS, Robin, W. et al. / etc.; NASA
Langley Research Center, MS 212, Hampton,
VA 23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08H

(11) WO 03/087195 (13) A2

(21) PCT/US03/11102

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/119,477 10 Apr/avr 2002 US
(10.04.2002)

(30) 10/127,523 22 Apr/avr 2002 US
(22.04.2002)

(30) 10/133,885 26 Apr/avr 2002 US
(26.04.2002)

(30) 60/393,958 5 Jul/juill 2002 US
(05.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR PRODUCING, FILMS
COMPRISING, AND METHODS
FOR USING HETEROGENEOUS
CROSSLINKED PROTEIN NETWORKS

• METHODES DE PRODUCTION ET
D'UTILISATION DE RESEAUX PRO-
TEIQUES RETICULES HETERO-
GENES, ET FILMS CONTENANT DE
TELS RESEAUX

(71) SOUTHWEST RESEARCH INSTITUTE
[US/US]; 6220 Culebra Road, San Antonio,
TX 78238-5166 (US).

(72) VAN DYKE, Mark, E.; 8507 Percheron Cir-
cle, Fair Oaks Ranch, TX 78015 (US).

(74) MORRIS, Paula, D.; Paula D. Morris & As-
sociates, P.C., Suite 360, 10260 Westheimer,
Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08H 1/00, C07K 17/08, A61K 47/42,
C08L 89/00, A61K 9/08

(11) WO 03/087196 (13) A1

(21) PCT/US03/06401

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 10/124,614 16 Apr/avr 2002 US
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOGELLING OLIGOPEPTIDE
POLYMERS

• THERMOGELIFICATION DE POLY-
MERES OLIGOPEPTIDIQUES

(71) BATTELLE MEMORIAL INSTITUTE
[US/US]; 902 Battelle Boulevard, P.O. Box
999, Richland, WA 99352 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GUTOWSKA, Anna [US/US]; 2535
Alexander Court, Richland, WA 99352
(US). JEONG, Byeongmoon [KR/KR];
c/o Ewha Womans University, Department
of Chemistry/Division of Nano Sciences,
11-1 Daehyundong, Seodaemun-ku, Seoul
120-750 (KR).

(74) CALDWELL, Lisa, M.; Klarquist Spark-
man, LLP, One World Trade Center, Suite
1600, 121 SW Salmon Street, Portland, OR
97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C08H 1/06, A61L 15/60

(11) WO 03/087197 (13) A1

(21) PCT/US03/11101

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en

(30) 10/119,477

(30) 10/127,523

(30) 10/133,885

(30) 60/393,958

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDROGEL WITH CONTROLLABLE MECHANICAL CHEMICAL AND BIOLOGICAL PROPERTIES AND METHOD FOR MAKING SAME

• HYDROGEL A PROPRIETES MECANIQUE, CHIMIQUE ET BIOLOGIQUE MAITRISABLES ET PROCEDE DE FABRICATION ASSOCIE

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5166 (US).

(72) VAN DYKE, Mark, E.; 8507 Percheron Circle, Fair Oaks Ranch, TX 78015 (US).

(74) MORRIS, Paula, D.; Paula D. Morris & Associates, P.C., Suite 360, 10260 Westheimer, Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 3/205, B05D 1/02

(11) WO 03/087198 (13) A1

(21) PCT/NL03/00249

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en

(30) 1020418

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COATED PLASTIC PELLET

• GRANULES EN PLASTIQUE EN-ROBES

(71) DSM IP Assets B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DEN HOF, Richard, Paul, Alfred [NL/NL]; Bergstraat 1, NL-6121 XT Born (NL). BLEIMAN, Philippe, Wolfgang, Paul, Valere [BE/BE]; Houthalenseweg 55 A, B-3520 Zonhoven (BE). MEESTERS, Gabriel, Marinus, Henricus [NL/NL]; Hof van Saffier 9, NL-2614 TJ Delft (NL).

(74) KRIJGSMAN, Willem; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 3/28, B29B 13/08, 7/30

(11) WO 03/087199 (13) A1

(21) PCT/SE03/00623

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en

(30) 0201173-2

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PROCESS FOR RADIATION TREATMENT OF ETHYLENE POLYMERS

• PROCEDE DE RADIOTHERAPIE DE POLYMERES D'ETHYLENE

(71) BOREALIS TECHNOLOGY OY [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EK, Carl-Gustaf [SE/SE]; Bergskädegatan 8, S-426 58 Västra Frölunda (SE). BÄCKMAN, Mats [SE/SE]; Forsstenagatan 4 H, S-416 51 Göteborg (SE). MARTINSSON, Hans-Bertil [SE/SE]; Ekbacken 9, S-472 95 Värekil (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 5/18, C08L 67/02, B65D 63/00, B29D 7/00

(11) WO 03/087200 (13) A1

(21) PCT/US03/10314

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en

(30) 60/371,036

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH INTEGRITY POLYESTER STRAPPING

• BANDAGE DE POLYESTER A INTEGRITE ELEVEE

(71) ILLINOIS TOOL WORKS INC. [US/US]; 3600 West Lake Avenue, Glenview, IL 60025-5811 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIGNEY, Patrick, T. [US/US]; 1076 Hawthorn Road, Allentown, PA 18103 (US). GOIN, Bobby, L. [US/US]; 3416 Sussex Court, Florence, SC 29501 (US). MCLAWHORN, Jesse, G. [US/US]; 3802 Colonial Drive, Florence, SC 29501 (US). VADNAIS, Gary, L. [US/US]; 491 Patricia, Grayslake, IL 60030 (US).

(74) PETERSEN, Maxwell, J.; Pauley Petersen Kinne & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 5/18, B32B 27/22

(11) WO 03/087201 (13) A1

(21) PCT/US03/08422

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en

(30) 02008366.3

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID IMPERMEABLE, MOISTURE VAPOUR PERMEABLE LAYERS AND FILMS COMPRISING THERMOPLASTIC HYDROPHILIC POLYMERIC COMPOSITIONS AND HAVING IMPROVED STRENGTH

• COUCHES IMPERMEABLES AUX LIQUIDES MAIS PERMEABLES A LA VAPEUR D'EAU, ET FILMS COMPRENANT DES COMPOSITIONS POLYMERES HYDROPHILES THERMOPLASTIQUE ET PRESENTANT UNE RESISTANCE ACCRUE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) CORZANI, Italo; Via R. Cocchia, 40, I-66100 Chieti (IT). MACBEATH, Calum; Contrada Villanesi, 55, Francavilla al Mare, I-66100 Chieti (IT).

(74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C08J 7/14

(11) WO 03/087202 (13) A1

(21) PCT/US03/07436

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/118,489 6 Apr/avr 2002 US (06.04.2002)

(30) 10/277,252 20 Oct/oct 2002 US (20.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD FOR MAKING AN INTRINSIC POLARIZER FROM A POLYMERIC SHEET

• PROCEDE DE FABRICATION D'UN POLARISATEUR INTRINSEQUE A PARTIR D'UNE FEUILLE POLYMERE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) CAEL, John J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BALICH, Jason W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). NAGARKAR, Pradnya V.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). VOGEL, Kim M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SAHOUBANI, Hassan; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUCKINGHAM, Stephen W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C08J 7/14, G02B 5/30

(11) WO 03/087203 (13) A1

(21) PCT/US03/07447

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/118,489 6 Apr/avr 2002 US (06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENHANCED K-TYPE POLARIZER
• POLARISEUR DE TYPE AMÉLIORÉ

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) CAEL, John J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BALICH, Jason W.; Post Office Box 33427, Saint

Paul, MN 55133-3427 (US). NAGARKAR, Pradnya V.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). VOGEL, Kim, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SAHOUBANI, Hassan; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUCKINGHAM, Stephen W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for all designations / pour toutes les désignations

(51)⁷ C08J 9/02, 9/12, C08G 77/00

(11) WO 03/087204 (13) A1

(21) PCT/US03/08802

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/370,520 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CURABLE FOAM ELASTOMERIC COMPOSITIONS

• COMPOSITIONS ELASTOMERES MOUSSANTES DURCISSABLES

(71) HENKEL LOCTITE CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIM, Thomas, Fay-Oy [US/US]; 128 Route 148, Killingworth, CT 06419 (US). LIONBERGER, James, E., [US/US]; 40 Pequot Drive, Rocky Hill, CT 06067 (US). NAKOS, Steven, T., [US/US]; 300 Boston Hill Road, Wethersfield, CT 06709 (US).

(74) CUNNINGHAM, Marina, F., et al. / etc.; McCormick, Paulding & Huber LLP, 185 Asylum Street, CityPlace II, Hartford, CT 06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 9/32

(11) WO 03/087205 (13) A1

(21) PCT/SE03/00607

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 0201129-4 16 Apr/avr 2002 SE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYNTACTIC POLYOLEFIN COMPOSITION FOR PIPE COATING

• COMPOSITION POLYOLEOFINIQUE SYNTHETIQUE DE REVETEMENT DE CONDUITES

(71) BOREALIS TECHNOLOGY OY [FI/FI]; Box 330, FIN-06101 Porvoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYDIN, Cecilia [SE/SE]; Kruk-makarevågen 2, S-444 95 Ödsmål (SE).
EK, Carl-Gustaf [SE/SE]; Bergskäddegatan 8, S-426 58 Västra Frölunda (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K

(11) WO 03/087206 (13) A2

(21) PCT/US02/24675

(22) 1 Aug/août 2002 (01.08.2002)

(25) en (26) en

(30) 60/309,387 1 Aug/août 2001 US (01.08.2001)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PATTERNED POLYMERIC STRUCTURES, PARTICULARLY MICROSTRUCTURES, AND METHODS FOR MAKING SAME

• STRUCTURES POLYMERES A MOTIFS, NOTAMMENT MICROSTRUCTURES ET PROCEDE DE FABRICATION

(71) THE STATE OF OREGON acting by and through THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERSITY [US/US]; P.O. Box 751, Portland, OR 97207 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAN, Mingdi [US/US]; 13282 Boones Ferry Lane, Lake Oswego, OR 97035 (US).
BARTLETT, Michele [US/US]; 24217 NW Bacon Road, Buxton, OR 97109 (US).

(74) SLATER, Stacey, C.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 3/24, 3/16, 5/098, 5/11, C08L 27/06

(11) WO 03/087207 (13) A1

(21) PCT/EP03/03620

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 102 16 885.7 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF COMPOSITIONS CONTAINING BASIC CALCIUM/ZINC-MIXED SOAPS AND PERCHLORATES FOR STABILISING ORGANIC PLASTIC MATERIAL CONTAINING HALOGENS

• UTILISATION DE COMPOSITIONS CONTENANT DES SAVONS MIXTES CALCIUM/ZINC BASIQUES ET DES PERCHLORATES POUR LA STABILISATION DE MATIERES PLASTIQUES ORGANIQUES CONTENANT DES HALOGENES

(71) COGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAUTE, Peter [DE/DE]; Adolf-Butenandt-Str. 25a, 27616 Beverstedt (DE).
HILLEN, Thomas [DE/DE]; Lindenstrasse 17, 49205 Hasbergen (DE).
BEHREND, Elisabeth [DE/DE]; Nieberding Strasse 28, 49393 Lohne (DE).

(81) AU BR NO PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C08K 5/00, C08J 3/00, C08L 9/00, C07F 7/08

(11) WO 03/087208 (13) A1

(21) PCT/EP03/03905

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04964 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYSULPHIDE SILOXANE APPLICABLE AS CROSS-LINKING AGENT AND METHOD FOR PRODUCTION THEREOF

• POLYSULFURE SILOXANE UTILISABLE COMME AGENT DE RETICULATION, ET SON PROCEDE D'OBTEINTION

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; 10 et 12, route Louis Braille, CH-1763 Granges-Paccot (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BELIN, Laure [FR/FR]; 5, rue de Toulon, F-63200 Riom (FR).
BLANCHARD, Christiane [FR/FR]; 3, rue des Chaneaux, F-63200 Marsat (FR).

(74) RIBIERE, Joël; M.F.P. Michelin, SGD/LG/PI -F35 - Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 5/00, C08L 83/04, C09D 183/04, C07F 15/00, 13/00

(11) WO 03/087209 (13) A1

(21) PCT/FR02/01340

(22) 18 Apr/avr 2002 (18.04.2002)

(25) fr (26) fr

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SILICONE COMPOSITION WHICH IS CROSS-LINKABLE BY DEHYDROGENIZATION WITH CONDENSATION IN

THE PRESENCE OF A METALLIC CATALYST

- COMPOSITION SILICONE RETICULABLE PAR DESHYDROGENOCONDENSATION EN PRESENCE D'UN CATALYSEUR METALLIQUE

(71) **RHODIA CHIMIE** [FR/FR]; 26, quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENAYOUN, Jean-Paul** [FR/FR]; 29, rue Jean Broquin, F-69006 Lyon (FR).
BLANC-MAGNARD, Delphine [FR/FR]; 7, avenue Berthelot, F-69007 Lyon (FR).
MIGNANI, Gérard [FR/FR]; 2, avenue des Frères Lumière, F-69008 Lyon (FR).
MIROU, Christian [FR/FR]; 5, avenue Barthélémy Buyer, F-69005 Lyon (FR).

(74) **FLEURANCE, Raphaël** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 5/103, C08L 69/00, 67/00

(11) WO 03/087210 (13) A1

(21) PCT/NL03/00203

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 02076313.2 5 Apr/avr 2002 EP (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOPLASTIC COMPOSITION COMPRISING AN AROMATIC POLYCARBONATE AND/OR A POLYESTER WITH IMPROVED MOULD RELEASE BEHAVIOUR

- COMPOSITION THERMOPLASTIQUE COMPRENANT UN POLYCARBONATE AROMATIQUE ET/OU UN POLYESTER PRESENTANT UNE APTITUDE AU DEMOULAGE AMELIOREE

(71) **DSM IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOS, Martinus, Louis, Maria** [NL/NL]; Koningstraat 93, NL-6121 HS Born (NL).
VAN HARTINGSVELDT, Edwin, Adrian, Andre [NL/NL]; Aylvalaan 28, NL-5112 BC Maastricht (NL).

(74) **KRIJGSMAN, Willem** et al. / etc.; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 5/3435

(11) WO 03/087211 (13) A2

(21) PCT/EP03/03726

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 02405310.0 17 Apr/avr 2002 EP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLAME RETARDANT POLYMER COMPOSITIONS CONTAINING HYDROXYLAMINE ESTERS

- COMPOSITIONS DE POLYMERES IGNIFUGES CONTENANT DES ESTERS HYDROXYLAMINES

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROTH, Michael** [DE/DE]; Falltorweg 5, 64686 Lautertal (DE).
SIMON, Dirk [DE/DE]; Birkenstrasse 13, 67112 Mutterstadt (DE).
LESLIE, Grant [GB/CH]; Therwilerstrasse 91, CH-4103 Bottmingen (CH).
NESVADBA, Peter [CH/CH]; 83A, route des Pralettes, CH-1723 Marly (CH).
KING, Roswell, Easton [US/US]; 700 Bear Ridge Road, Pleasantville, NY 105070 (US).
KAPRINIDIS, Nikolas [GR/US]; 18 West 30th Street, Suite 4, New York, NY 10001 (US).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 5/549, C08F 36/04, B60C 1/00

(11) WO 03/087212 (13) A1

(21) PCT/EP03/03906

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04963 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RUBBER COMPOSITION COMPRISING A POLYSULPHIDE SILOXANE

- COMPOSITION DE CAOUTCHOUC COMPORTANT UN POLYSULFURE SILOXANE

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; 10 et 12, route Louis Braille, CH-1763 Granges-Paccot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELIN, Laure** [FR/FR]; 5, rue de Toulon, F-63200 Riom (FR).
PAGANO, Salvatore [FR/FR]; 48, avenue Gambetta, F-63400 Chamalières (FR).
ROY, Vanessa [FR/FR]; 40, boulevard Jean-Jaurès, F-63000 Clermont-Ferrand (FR).

(74) **RIBIERE, Joël**; M.F.P. Michelin, SGD/LG/PI -F35 - Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08K 5/57, C08L 27/02, H01B 7/00

(11) WO 03/087213 (13) A2

(21) PCT/US03/09521

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/119,443 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HETEROCYCLIC TIN FLAME RETARDANTS/SMOKE SUPPRESSANTS AND HALOGEN-CONTAINING POLYMER COMPOSITION CONTAINING SAME

- AGENTS RETARDANTS OU DE DESENFUMAGE HETEROCYCLIQUES A L'ETAIN, ET COMPOSITION POLYMER HALOGENEE EN CONTENANT

(71) **CROMPTON CORPORATION** [US/US]; Benson Road, Middlebury, CT 06749 (US).

(72) **SHAH, Mukund**; 728 Poole Avenue, Hazlet, NJ 07730 (US).
FISCH, Michael, H.; 352 Pines Lake East Drive, Wayne, NJ 07470 (US).
STEWEN, Ulrich; 5 Meadow Lark Lane, Bedford, NY 10506 (US).
BACALOGLU, Radu; 27 Burlington Court, Hamburg, NY 07419 (US).

(74) **DILWORTH, Michael, P.**; Crompton Corporation, 199 Benson Road, Middlebury, CT 06749 (US).

(81) BR CA CN CO JP KR MX.

(84) EA (AM AZ BY KG KZ MD RU TJ TM).

(51)⁷ C08L 9/00, 7/00, C08K 9/04, B60C 5/14

(11) WO 03/087214 (13) A1

(21) PCT/JP03/04904

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-115732 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RUBBER COMPOSITION FOR INNER LINER AND TIRE

• COMPOSITION DE CAOUTCHOUC POUR GOMME INTERIEURE ET PNEU

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIDA, Kouji [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). FUJIKI, Kumi [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP).

(74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C08L 23/02, C08J 11/06, C08L 101/00, 55/02, C08K 3/26, C08L 69/00, 25/08, C08J 11/10, B29B 17/00

(11) WO 03/087215 (13) A1

(21) PCT/US03/11602

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,001 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS OF MATERIALS CONTAINING RECYCLED PLASTICS
• COMPOSITIONS DE MATIERES CONTENANT DES MATIERES PLASTIQUES RECYCLEES

(71) MBA POLYMERS, INC. [US/US]; 500 West Ohio Avenue, Richmond, CA 94804 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIISE, Brian [US/US]; 106 Lookout Court, Hercules, CA 94901 (US). ALLEN, Laurence, E., III [US/US]; 50 Marine Drive, San Rafael, CA 94901 (US). RAU, Ron, C. [US/US]; 6838 Saroni Drive, Oakland, CA 94611 (US).

(74) PORTER, Timothy, A.; Fish & Richardson, P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08L 23/04, 23/16

(11) WO 03/087216 (13) A1

(21) PCT/NL03/00259

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 1020366 11 Apr/avr 2002 NL
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYMER COMPOSITION WITH IMPROVED TEMPERATURE RESISTANCE

• COMPOSITION POLYMERES PRESENTANT UNE MEILLEURE RESISTANCE THERMIQUE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRULS, Wilhelmus, Gerardus, Marie [NL/NL]; Graaf Wolterhoenstraat 32, NL-6243 BE Geulle (NL). REPIN, Johannes, Fredericus [NL/NL]; Klingbenden 177, NL-6441 KX Brunssum (NL). WIDERSHOVEN, Christian [NL/NL]; Sint Joosterweg 16 A, NL-6102 GB Echt (NL).

(74) KRIJGSMAN, Willem et al. / etc.; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08L 23/06

(11) WO 03/087217 (13) A1

(21) PCT/US03/11123

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,278 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE ARTICLES AND METHOD OF MANUFACTURE

• ARTICLES EN POLYETHYLENE DE MASSE MOLECULAIRE TRES ELEVEE ET PROCEDE DE FABRICATION DESDITS ARTICLES

(71) DARAMIC, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YARITZ, Joseph, G. [US/US]; 10531 Parks Road, Utica, KY 42376 (US). WHEAR, Kevin, J. [US/US]; 9261 Poplar Spur Road, Utica, KY 42376 (US).

(74) HAMMER, Robert, H., III; Robert H. Hammer III, P.C., 3121 Springbank Lane, Suite I, Charlotte, NC 28226 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C08L 23/24, C08F 4/645

(11) WO 03/087218 (13) A1

(21) PCT/JP03/04760

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113797 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOPLASTIC RESIN COMPOSITION

- COMPOSITION DE RESINE THERMO-PLASTIQUE
 - (71) IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) SERA, Masanori [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). MINAMI, Yutaka [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). KANAMARU, Masami [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
 - (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
 - (81) JP US.
 - (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C08L 23/26, C09D 123/26
- (11) WO 03/087219 (13) A1
- (21) PCT/JP03/04119
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (30) 2002-97435 29 Mar/mar 2002 JP (29.03.2002)
- (30) 2002-317544 31 Oct/oct 2002 JP (31.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • THERMOCROSSLINKABLE RESIN DISPERSION
 - DISPERSION DE RESINE THERMO-RETICULABLE
 - (71) SANYO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) NAKAYAMA, Hiromitsu [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP). INOUE, Hirofumi [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).
 - (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
 - (81) CN US.
 - (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ C08L 53/00
- (11) WO 03/087220 (13) A2
- (21) PCT/FR03/01216
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) fr (26) fr
- (30) 02/04780 17 Apr/avr 2002 FR (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SOLID EMULSIONS BASED ON THERMOPLASTIC ELASTOMERS
 - EMULSIONS SOLIDES A BASE D'ELASTOMERE THERMOPLASTIQUE
 - (71) LABORATOIRES URGO [FR/FR]; 42, rue de Longvic, F-21300 Chenove (FR).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) AUGUSTE, Stéphane [FR/FR]; 27, rue du Breuil, F-21490 Varois et Chaignot (FR). DESMAISON, Nadège [FR/FR]; 6, rue Claude Basire, F-21000 Dijon (FR).
 - (74) HUBERT, Philippe et al. / etc.; 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).
 - (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 53/00
- (11) WO 03/087221 (13) A2
- (21) PCT/US03/08097
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 10/122,526 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • THERMALLY CONDUCTIVE PHASE CHANGE MATERIALS AND METHODS FOR THEIR PREPARATION AND USE
 - MATERIAUX THERMOCONDUCTEURS A CHANGEMENT DE PHASE ET LEURS PROCÉDES DE PRÉPARATION ET D'UTILISATION
 - (71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) BHAGWAGAR, Dorab [US/US]; 2850 Churchill Lane, Saginaw, MI 48603 (US). MOJICA, Andrew [US/US]; 7700 Downs Court, Freeland, MI 48623 (US). NGUYEN, Kimmai, Thi [US/US]; 5501 Nakoma, Midland, MI 48640 (US).
 - (74) BROWN, Catherine, U.; Patent Department - Mail CO1232, Dow Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement; (u) for / pour US only / seulement
-
- (51)⁷ C08L 65/00, 101/00, C08G 61/12, H01B 1/12
- (11) WO 03/087222 (13) A1
- (21) PCT/US03/10511
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,754 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONDUCTIVE POLYMER COMPOSITIONS EXHIBITING N-TYPE CONDUCTION
 - COMPOSITIONS POLYMERES CONDUCTRICES PRESENTANT UNE CONDUCTION DE TYPE N
 - (71) ELECON, INC. [US/US]; 200 Turnpike Road, Chelmsford, MA 01824 (US).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) RYU, Jae [US/US]; 160 Indian Hill, Carlisle, MA 01741 (US). ZHOU, Qingye [CN/US]; 284 Codman Hill Road, Apt. 21B, Boxborough, MA 01719 (US). MULFORT, Karen [US/US]; 46 Englewood Ave., #5, Brighton, MA 02135 (US).
 - (74) ELANDIJAN, Lucy, Esq.; Elecon Inc./IP Department, 200 Turnpike Road, Chelmsford, MA 01824 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08L 71/12, 63/00, C08G 65/48

(11) WO 03/087223 (13) A1

(21) PCT/US03/10523

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/119,406 9 Apr/avr 2002 US
(09.04.2002)

(30) 10/248,756 14 Feb/fév 2003 US
(14.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOSET COMPOSITION,
METHOD AND ARTICLE

• COMPOSITION THERMODURCIS-
SABLE, PROCEDE ET ARTICLE

(71) GENERAL ELECTRIC COMPANY (a
New York Corporation) [US/US]; 1 River
Road, Schenectady, NY 12345 (US).

(72) MERFELD, Glen, David; 25 Old
Niskayuna Road, Loudonville, NY 12211
(US).

(74) WINTER Catherine, J. et al. / etc.; Patent
Counsel, General Electric Company, 3135
easton Turnpike (W3C), Fairfield, CT 06828
(US).

(81) CN JP SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C08L 71/12, 63/00, C08G 65/48

(11) WO 03/087224 (13) A1

(21) PCT/US03/10784

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/119,406 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOSET COMPOSITION,
METHOD, AND ARTICLE

• COMPOSITION THERMODURCIE,
PROCEDE ET ARTICLES ASSOCIES

(71) GENERAL ELECTRIC COMPANY (A
NEW YORK CORPORATION) [US/US];
1 River Road, Schenectady, NY 12345 (US).

(72) YEAGER, Gary, William; 24 Riverwind
Drive, Rexford, NY 12148 (US). MER-
FELD, Glen, David; 25 Old Niskayuna
Road, Loudonville, NY 12211 (US). DUF-
FEY, Brian; 77 Margaret Drive, Ballston
Spa, NY 12020 (US).

(74) WINTER, Catherine, J. et al. / etc.; Gen-
eral Electric Company, 3135 Easton Turnpike
(W3C), Fairfield, CT 06828 (US).

(81) CN JP SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C08L 77/00, 71/12, 53/02, H02G 3/08

(11) WO 03/087225 (13) A1

(21) PCT/JP03/04210

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-100125 2 Apr/avr 2002 JP
(02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RELAY BLOCK

• BLOC DE RELAIS

(71) ASAHI KASEI KABUSHIKI KAISHA
[JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku,
Osaka-shi, Osaka 530-8205 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MIYOSHI, Takaaki [JP/JP]; 1711-2,
Hitomi, Kimitsu-shi, Chiba 299-1147 (JP).
KATAYAMA, Shigeki [JP/JP]; 5-22-1, Shin-
saku, Takatsu-ku, Kawasaki-shi, Kanagawa
213-0014 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room
331, New Ohtemachi Bldg., 2-1, Ohtemachi
2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08L 79/08, 101/00, C08K 13/04 // (C08L
101/00, 79/08) (C08L 79/08, 101/00) (C08K
13/04, 3/00, 7/04)

(11) WO 03/087226 (13) A1

(21) PCT/US03/11141

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 2002-109570 11 Apr/avr 2002 JP
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILLER REINFORCED POLYETHER
IMIDE RESIN COMPOSITION AND
MOLDED ARTICLE THEREOF

• COMPOSITION DE RESINE PO-
LYETHERIMIDE A RENFORT DE
CHARGE ET ARTICLE MOULE A
PARTIR DE LADITE COMPOSITION

(71) GENERAL ELECTRIC COMPAMY
[US/US]; 1 River Road, Schenectady, NY
12345 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHOATE, Kim [US/JP]; Oakwood
403, 2-17-15, Akasaka, Minato-ku, Tokyo
107-0000 (JP). UCHIYAMA, Tatsuya
[JP/JP]; 438-65 Yagioka, Moka-shi,
Tochigi-ken 321-4337 (JP). KINOSHITA,
Tsutomu [JP/JP]; 2-23-20, Kamikoumagi,
Moka-shi, Tochigi-ken 321-4337 (JP).

(74) WINTER, Catherine, J. et al. / etc.; Patent
Counsel, General Electric Company, 3135

Easton Turnpike (W3C), Fairfield, CT 06828
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C08L 83/04, B29C 33/64, C10M 173/02,
C08J 3/03

(11) WO 03/087227 (13) A1

(21) PCT/FR03/01151

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04633 12 Apr/avr 2002 FR
(12.04.2002)

(30) 02/14757 25 Nov/nov 2002 FR
(25.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SILOXANE COMPOSITION NOT RE-
LEASING HYDROGEN FOR THE
MOULDING/DEMOULDING OF
TYRES

• COMPOSITION A BASE DE SI-
LOXANE, NE DEGAGEANT PAS
D'HYDROGENE, DESTINEE AU MOU-
LAGE-DEMOULAGE DE PNEUMA-
TIQUES

(71) RHODIA CHIMIE [FR/FR]; 26, Quai
Alphonse Le Gallo, F-92512 Boulogne Bil-
lancourt Cedex (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GUICHARD, Gérald [FR/FR]; 13, rue
du Pilat, F-69700 Givors (FR). HAWKINS,
Ian [GB/FR]; 6, rue de la Baviadière,
F-69670 Vaugneray (FR). MARTIN, Na-
dia [FR/FR]; 148, rue Duguesclin, F-69006
Lyon (FR). MONTARNAL, Serge [FR/FR];
89, impasse du Mas Choquet, F-01800 Bourg
St-Christophe (FR).

(74) TROLLET, Maurice; Rhodia Services, Di-
rection de la Propriété Industrielle, Centre de
Recherches de Lyon - BP 62, F-69192 Saint-
Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08L 83/14, C08G 77/54, G02F 1/1333, C08J 5/18, H01J 11/02, G02F 1/1337

(11) WO 03/087228 (13) A1

(21) PCT/JP03/04336

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(30) 2002-111128 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITION OF SILICON-CONTAINING COPOLYMER, SOLVENT-SOLUBLE CROSSLINKED SILICON-CONTAINING COPOLYMER, AND CURED ARTICLES OBTAINED THEREFROM

• COMPOSITION DE COPOLYMERES CONTENANT DU SILICIUM, COPOLYMERES CONTENANT DU SILICIUM RETICULE SOLUBLE DANS UN SOLVANT, ET ARTICLES DURCIS OBTENUS A PARTIR DE LADITE COMPOSITION

(71) CLARIANT INTERNATIONAL LTD. [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(only for / seulement pour AT BE BG CH CN CY CZ DE DK EE ES FI FR GB GR HU IE IT KR LU MC NL PT SE SI SK TR)

(71) CLARIANT(JAPAN)K.K. [JP/JP]; Bunkyo Green Court, Center Office 9th Floor, 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8662 (JP).

(only for / seulement pour JP)

(72, 75) TASHIRO, Yuji [JP/JP]; c/o Clariant(Japan)K.K., 3810, Chihama, Daitochi, Ogasa-gun, Shizuoka 437-1496 (JP).

(74) KANAO, Hiroki et al. / etc.; Mutsumi International Patent Bureau, Bandai Bldg., 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C08L 101/00, C09D 183/14, 201/00, B29C 33/64, C10M 107/50

(11) WO 03/087229 (13) A1

(21) PCT/EP03/03589

(22) 7 Apr/avr 2003 (07.04.2003)

(25) de (26) de

(30) 102 17 202.1 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTI-ADHESIVE COATINGS FOR REACTORS

• REVETEMENTS ANTIADHESIFS POUR REACTEURS

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAGER, Michael [DE/DE]; Franz-Marc-Str. 54, 51375 Leverkusen (DE).

MÄHNER, Christian [DE/DE]; Herrenweg 7b, 41541 Dormagen-Zons (DE). LANG-STEIN, Gerhard [DE/DE]; Am Lingenstock 43, 51515 Kürten (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C08L 101/12, C08K 5/5313, C08J 5/24, C08L 25/00

(11) WO 03/087230 (13) A1

(21) PCT/JP03/04799

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113017 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMOSETTING RESIN COMPOSITION AND PREPREG AND LAMINATED SHEET USING THE SAME

• COMPOSITION DE RESINE THERMODURCISSABLE, PREIMPREGNE ET FEUILLE STRATIFIEE UTILISANT CETTE COMPOSITION.

(71) HITACHI CHEMICAL CO., LTD. [JP/JP]; 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUCHIKAWA, Shinji [JP/JP]; c/o Research and Development Center, HITACHI CHEMICAL CO., LTD., 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). ARATA, Michitoshi [JP/JP]; c/o Research and Development Center, HITACHI CHEMICAL CO., LTD., 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). TOMIOKA, Kenichi [JP/JP]; c/o Research and Development Center, HITACHI CHEMICAL CO., LTD., 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). KOBAYASHI, Kazuhito [JP/JP]; c/o Research and Development Center, HITACHI

CHEMICAL CO., Ltd., 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP).

(74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09B 67/04, 67/28

(11) WO 03/087231 (13) A1

(21) PCT/EP03/02730

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 681.1 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING VAT-TABLE ORGANIC PIGMENTS

• PROCEDE DE PRODUCTION DE PIGMENTS ORGANIQUES CUVABLES

(71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Joachim [DE/DE]; Johannesallee 13, 65929 Frankfurt am Main (DE). URBAN, Manfred [DE/DE]; Steigerwaldstrasse 2a, 65205 Wiesbaden (DE). DIETZ, Erwin [DE/DE]; Am Erdbeerstein 64, 61462 Königstein (DE).

(74) HÜTTER, Klaus et al. / etc.; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C09C

(11) WO 03/087232 (13) A2

(21) PCT/US03/10809

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/121,418 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR PREPARING MODIFIED PIGMENTS

• PROCEDE DE PREPARATION DE PIGMENTS MODIFIES

(71) **CABOT CORPORATION** [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

(72) **LAMPREY, Melanie, G.**; 27 Collins Street, Seabrook, NH 03874 (US). **MATHEW, John**; 16 Stowcroft Drive, Hampton, NH 03842 (US). **PALUMBO, Paul, S.**; 271 Cherry Street, West Newton, MA 02465 (US).

(74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D

(11) **WO 03/087233** (13) A2

(21) PCT/US03/11275

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/371,693 **11 Apr/avr 2002 (11.04.2002)** US

(30) 10/411,046 **9 Apr/avr 2003 (09.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **POLYMERIC ANTIREFLECTIVE COATINGS DEPOSITED BY PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION**

• **RETELEMENTS ANTIREFLECTIFS SANTS POLYMERES DEPOSES PAR DEPOT CHIMIQUE EN PHASE VAPEUR A PLASMA AMELIORE**

(71) **BREWER SCIENCE, INC.** [US/US]; 2401 Brewer Drive, Rolla, MO 65401 (US).

(72) **SABNIS, Ram, W.**; P.O. Box 6673, Evansville, IN 47719 (US). **SHIH, Wu-Sheng**; 1202A La Jolla Court, Rolla, MO 65401 (US).

(74) **BORNMAN, Tracy, L.**; Hovey Williams LLP, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 5/16

(11) **WO 03/087234** (13) A1

(21) PCT/DK03/00249

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) PA 2002 00545 **12 Apr/avr 2002 (12.04.2002)** DK

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ANTIFOULING COMPOSITION COMPRISING AN ENZYME IN THE ABSENCE OF ITS SUBSTRATE**

• **COMPOSITION ANTISALISSURE COMPRENANT UNE ENZYME SANS SUBSTRAT**

(71) **BIOLOCUS ApS** [DK/DK]; C/O Forskningscentret, Agern Allé 3, DK-2970 Hørsholm (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNEIDER, Ib** [DK/DK]; Øster Allé 28, 2., DK-2100 Copenhagen Ø (DK). **ALLERMANN, Knud** [DK/DK]; Karen Blixens Vej 7, DK-2960 Rungsted Kyst (DK).

(74) **HØIBERG A/S**; Store Kongensgade 59 A, DK-1264 Copenhagen K. (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C09D 5/25, C09K 21/00, C08J 5/18, H05K 3/46 // C08L 101:00

(11) **WO 03/087235** (13) A1

(21) PCT/JP03/04786

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) ja (26) ja

(30) 2002-112736 **15 Apr/avr 2002 (15.04.2002)** JP

(30) 2002-190548 **28 Jun/juin 2002 (28.06.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **VARNISH, SHAPED ITEM, ELECTRICAL INSULATING FILM, LAMINATE, FLAME RETARDANT SLURRY AND PROCESS FOR PRODUCING FLAME RETARDANT PARTICLE AND VARNISH**

• **VERNIS, ARTICLE FAÇONNE, FILM ISOLANT ELECTRIQUE, STRATIFIE, SUSPENSION IGNIFUGE ET PROCEDE DE PRODUCTION DE PARTICULES IGNIFUGES ET DE VERNIS**

(71) **ZEON CORPORATION** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Daisuke** [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). **KAWASAKI, Masafumi** [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). **WAKIZAKA, Yasuhiro** [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). **TSUKAMOTO, Atsushi** [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).

(74) **NISHIKAWA, Shigeaki**; Visual City 401, 43-9, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116-0014 (JP).

(81) CN KR US.

(51)⁷ C09D 7/12, C08K 9/06, 3/22, 3/36

(11) **WO 03/087236** (13) A1

(21) PCT/US03/09873

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(30) 10/120,217 **10 Apr/avr 2002 (10.04.2002)** US

(30) 10/272,704 **17 Oct/oct 2002 (17.10.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **MINERAL-FILLED COATINGS HAVING ENHANCED ABRASION RESISTANCE AND WEAR CLARITY AND METHODS FOR USING THE SAME**

• **RETELEMENTS REMPLIS DE MINERAUX PRESENTANT UNE RESISTANCE A L'ABRASION ET UNE CONSERVATION DE CLARTE A L'USURE AMELIOREE, ET PROCEDES D'UTILISATION DE CES RETELEMENTS**

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **PERRINE, Lisa, M.**; 410 Topaz Drive, Allison Park, PA 15101 (US). **DEAN, Roy, E.**; 3400 Glenwood Avenue, Lower Burrell, PA 15068 (US). **GANSMAN, William, B.**; 8643 Adkins Road, Colfax, NC 27235 (US).

(74) **MEYERS, Diane, R.** et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/00, D06P 1/382, 3/66, C09B 62/085

(11) WO 03/087237 (13) A1

(21) PCT/IB03/01350

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208444.0 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITION FOR PRINTING RECORDING MATERIALS

• COMPOSITION D'IMPRESSION DE MATERIAUX D'ENREGISTREMENT

(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEMANN, Ludwig [DE/DE]; Mühlenbachweg 4, 79379 Müllheim (DE). PEDRAZZI, Reinhard [CH/CH]; Grabenmattweg 59/7, CH-4123 Allschwil (CH). SCHLOSSER, Stefan [DE/CH]; Landskronstrasse 15, CH-4153 Reinach (CH).

(74) DÜNNWALD, Dieter; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/00, C09B 31/11, 31/10, 43/16, 62/09, 31/14, 31/08, 69/00, 62/44, 67/00, 62/04

(11) WO 03/087238 (13) A1

(21) PCT/JP03/04348

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2002-113460 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-281723 26 Sep/sep 2002 JP (26.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COLORING COMPOSITION AND INKJET RECORDING METHOD

• COMPOSITION DE COLORATION ET PROCEDE D'IMPRESSION PAR JET D'ENCRE

(71) FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHINO, Tomohiro [JP/JP]; c/o Fuji Photo Film co., Ltd., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP). FUJIWARA, Toshiaki [JP/JP]; c/o Fuji Photo Film co., Ltd., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP). OZAWA, Takashi [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP). YABUKI, Yoshiharu [JP/JP]; Fuji Photo Film Co., Ltd., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 11/00

(11) WO 03/087239 (13) A2

(21) PCT/US03/11233

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,461 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VISCOSITY STABILIZING BLEND VEHICLES FOR PREPARING WATER BASED FLEXOGRAPHIC PRINTING INKS

• MELANGES VEHICULES DE STABILISATION DE VISCOSITE DESTINES A LA PREPARATION D'ENCRES D'IMPRIMERIE FLEXOGRAPHIQUES A BASE D'EAU

(71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPRYCHA, Ryszard [US/US]; 2 Hillside Terrace, Wallington, NJ 07057 (US).

LEDA, Mora [US/US]; 176 Mehrhof Road, Little Ferry, NJ 07643 (US). AUERBACH, Robert [US/US]; 35 Hawthorne Drive, Princeton Junction, NJ 08550 (US). CATENA, Robert [US/US]; 78 Plenge Drive, Belleville, NJ 07109 (US).

(74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/06, B41N 3/08

(11) WO 03/087240 (13) A2

(21) PCT/US03/10924

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/117,910 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SELF-DAMPENING INK COMPOSITIONS AND METHOD FOR LITHOGRAPHIC PRINTING USING THE SAME

• COMPOSITIONS D'ENCRE AUTO-HUMIDIFIANTES ET PROCEDE D'IMPRESSION LITHOGRAPHIQUE UTILISANT CES COMPOSITIONS

(71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, P.O. Box 1302, Fort Lee, NJ 07024 (US).

(72) WASILEWSKI, Olgierd; 7423 Mill Pond Circle, Naples, FL-34109 (US). DURAND, Richard, R., Jr.; 492 North Avenueue, Carlstadt, NJ 07072, Woodridge, NJ 07072 (US). LEE, Christian, John; 46 Winding Way, Parsippany, NJ 07054 (US).

(74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 123/00

(11) WO 03/087241 (13) A1

(21) PCT/US03/10776

(22) 7 Apr/avr 2003 (07.04.2003)

- (25) en (26) en
- (30) 10/118,746 **8 Apr/avr 2002** US
(08.04.2002)
- (30) 10/321,234 **17 Dec/déc 2002** US
(17.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CURABLE COATING COMPOSITIONS FROM EMULSIONS OF ELASTOMERIC POLYMERS AND POLYURETHANE DISPERSIONS
- COMPOSITIONS DE REVETEMENT DURCISSABLES OBTENUES A PARTIR D'EMULSIONS DE POLYMERES ELASTOMERES ET DE DISPERSIONS DE POLYURETHANNE
- (63) US 10/118,746 (CIP)
8 Apr/avr 2002 (08.04.2002)
- (71) **DOW CORNING CORPORATION** [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIN, Shaow** [US/US]; 2008 Candlestick Lane, Midland, MI 48642 (US). **SHIM, Anne** [DK/US]; 5405 Drake Street, Midland, MI 48640 (US). **TASCARELLA, David** [US/US]; 2301 Lambros Drive, Midland, MI 48642 (US).
- (74) **ZOMBECK, Alan**; Patent Department - Mail CO1232, Dow Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ C09D 123/02, 123/30, 7/12, C08L 91/06, 23/04, 91/08

(11) **WO 03/087242** (13) A1

(21) PCT/EP03/03518

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) de (26) de

(30) 102 16 118.6 **12 Apr/avr 2002** DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • USE OF METALLOCENE WAXES IN POWDER PAINTS
- UTILISATION DE CIRES METALLO-CENES DANS DES PEINTURES EN POUDRE

(71) **CLARIANT GMBH** [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **KRENDLINGER, Ernst** [DE/DE]; Ul-
richstrasse 63, 86316 Friedberg (DE). **NOW-
ICKI, Dieter** [DE/DE]; Leipziger Strasse 23,
86368 Gersthofen (DE).

(74) **PACZKOWSKI, Marcus**; Clariant Service
GmbH, Patente, Marken, Lizenzen, Am
Unisys-Park 1, 65843 Sulzbach (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C09D 167/07, 167/08

(11) **WO 03/087243** (13) A1

(21) PCT/US03/10391

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/121,927 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ACRYLATE-FUNCTIONALIZED
ALKYD COMPOSITIONS FOR
FAST-DRY COATINGS

• COMPOSITIONS ALKYDES FONC-
TIONNALISEES PAR ACRYLATE
POUR DES REVETEMENTS A SE-
CHAGE RAPIDE

(71) **EASTMAN CHEMICAL COMPANY**
[US/US]; 100 North Eastman Road,
Kingsport, TN 37660 (US).

(72) **KUO, Thauming**; 1400 Lamar Court,
Kingsport, TN 37664 (US). **GROSSO, Paul,
Vincent**; 2224 Barrett Drive, Algonquin, IL
60102 (US). **SPILMAN, Gary, Eugene**;
934 South Meadowlark Lane, Mindland,
MI 48640 (US). **CLARK, Mark, Dwight**;
271 Old Cooks Valley Road, Kingsport, TN
37664 (US). **COAD, Michael, Davis**; 21293
Plank Trail Drive, Frankfort, IL 60423 (US).
HE, Mingbo; 107 Walden Court, Stream-
wood, IL 60107 (US).

(74) **CARRIER, Michael, K.**; P.O. Box 511,
Kingsport, TN 37662-5075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C09D 167/08

(11) **WO 03/087244** (13) A1

(21) PCT/US03/10157

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/121,396 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • WATERBORNE ACRYLATE-FUNC-
TIONALIZED ALKYD COATING COM-
POSITIONS

• COMPOSITIONS D'ENDUCTION A
BASE DE RESINE ALKYDE FONC-
TIONNALISEE ACRYLATE EN PHASE
AQUEUSE

(71) **EASTMAN CHEMICAL COMPANY**
[US/US]; 100 North Eastman Road,
Kingsport, TN 37660 (US).

(72) **KUO, Thauming**; 1400 Lamar Court,
Kingsport, TN 37664 (US). **GROSSO, Paul,
Vincent**; 2224 Barrett Drive, Algonquin, IL
60102 (US). **SPILMAN, Gary, Eugene**;
934 South Meadowlark Lane, Mindland,
MI 48640 (US). **CLARK, Mark, Dwight**;
271 Old Cooks Valley Road, Kingsport, TN
37664 (US).

(74) **CARRIER, Michael, K.**; P.O. Box 511,
Kingsport, TN 37662-5075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C09D 175/04, C08G 18/08, 18/12, 18/28

(11) **WO 03/087245** (13) A1

(21) PCT/EP03/03526

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) de (26) de

(30) 102 16 945.4 **17 Apr/avr 2002** DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SELF CROSS-LINKING
POLYURETHANE-DISPER-
SIONS

• DISPERSIONS DE POLYURETHANNE
AUTORETICULANTES

(71) **BAYER AKTIENGESELLSCHAFT**
[DE/DE]; 51368 Leverkusen (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MAZANEK, Jan** [DE/DE]; Leopold-
Gmelin-Str. 44, 51061 Köln (DE). **MAGER,
Dieter** [DE/DE]; Carl-Leverkus-Str. 31

A, 51373 Leverkusen (DE). **PETZOLDT, Joachim** [DE/DE]; Ittistr. 2, 40789 Monheim (DE). **MÜLLER, Heino** [DE/DE]; Opladener Str. 129, 51375 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C09D 175/06, C08J 3/24, C08G 18/68

(11) WO 03/087246 (13) A1

(21) PCT/US03/10819

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/118,565 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DUAL CURE COATING COMPOSITIONS AND PROCESS FOR THE PRODUCTION OF MULTILAYER COATINGS

• COMPOSITIONS DE REVETEMENT A DURCISSEMENT DUEL ET PROCEDE DE PRODUCTION DE REVETEMENT MULTICOUCHE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLOSBACH, Carmen** [DE/DE]; In der Marpe 41, 42287 Wuppertal (DE). **FEY, Thomas** [DE/DE]; Draiserstrasse 231, 55128 Mainz (DE). **FRIGGE, Eva** [DE/DE]; Kohlentreiberweg 9, 45549 Sprockhoevel (DE).

(74) **FRICKE, Hilmar, L.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 LANCASTER PIKE, WILMINGTON, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ C09D 183/04, C08J 7/04, H01L 51/20, H05B 33/14

(11) WO 03/087247 (13) A1

(21) PCT/GB03/01170

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0208506.6 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COATED POLYMERIC SUBSTRATES HAVING IMPROVED SURFACE SMOOTHNESS SUITABLE FOR USE IN FLEXIBLE ELECTRONIC AND OPTO-ELECTRONIC DEVICES

• SUBSTRATS POLYMERES REVETUS PRESENTANT UNE DOUCEUR DE SURFACE AMELIOREE QUI CONVIENT DANS LES DISPOSITIFS ELECTRONIQUES ET OPTICO-ELECTRONIQUES FLEXIBLES

(71) **DUPONT TEIJIN FILMS U.S. LIMITED PARTNERSHIP** [US/US]; Building 27, Barley Mill Plaza, Routes 141 & 48, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBINSON, Julian, Neal** [GB/GB]; 1 Low Easby Cottages, Easby, North Yorkshire TS9 6JH (GB). **EVESON, Robert, William** [GB/GB]; 11 Wardell Close, Yarm, Cleveland TS15 9UZ (GB). **RAKOS, Karl** [GB/GB]; 11 Meadowdale, Chilton, Durham DL17 0RW (GB).

(74) **COCKERTON, Bruce, Roger et al.** / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 201/00

(11) WO 03/087248 (13) A1

(21) PCT/JP03/04677

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112562 15 Apr/avr 2002 JP (15.04.2002)

(30) 2002-208603 17 Jul/juil 2002 JP (17.07.2002)

(30) 2003-11333 20 Jan/jan 2003 JP (20.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER-DISPERSED POWDER COATING, PROCESS FOR THE PRODUCTION THEREOF, AND COLOR MATCHING METHOD

• REVETEMENT EN POUDRE DISPERSEE DANS L'EAU, PROCEDE DE PRODUCTION CORRESPONDANT, ET PROCEDE D'ECHANTILLONNAGE DE LA COULEUR

(71) **KUBOKO PAINT CO., LTD.** [JP/JP]; 15-27, Nishiaiwaji 3-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 533-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TERAMOTO, Masakazu** [JP/JP]; c/o Kuboko Paint Co., Ltd., 15-27, Nishiaiwaji 3-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 533-0031 (JP). **KAWAMURA, Tatsuya** [JP/JP]; c/o Kuboko Paint Co., Ltd., 15-27, Nishiaiwaji 3-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 533-0031 (JP).

(74) **KOTANI, Etsuji et al.** / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09J 7/00, B29C 39/14, 43/22

(11) WO 03/087249 (13) A1

(21) PCT/US03/04428

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 10/121,489 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MAKING A VISCOELASTIC ARTICLE BY COATING AND CURING ON A REUSABLE SURFACE

• METHODE DE FABRICATION D'UN ARTICLE VISCOELASTIQUE PAR ENDUCTION ET POLYMERISATION SUR UNE SURFACE REUTILISABLE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) VESLEY, George, F.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MAIER, Gary, W.; Post Office Box 33427, Saint Paul, MN 55133-3424 (US). SEILER, Peter, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) LAMBERT, Nancy, M. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ C09J 7/02, 7/04, 9/02, 11/06

(11) WO 03/087250 (13) A1

(21) PCT/US03/11063

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,306 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRO-INSENSITIVE ALTERNATING CURRENT RESPONSIVE COMPOSITES

• COMPOSITES REAGISSANT AU COURANT ALTERNATIF INSENSIBLES A L'EAU

(71) FLEXCON COMPANY, INC. [US/US]; 1 Flexcon Industrial Park, Spencer, MA 01562-2642 (US).

(72) SEGALL, Daniel, P.; 143 Deepwoods Drive, Longmeadow, MA 01106 (US). HILTON, Iris, E.; 2 Ten Schoolhouse Road, Charlton, MA 01507 (US). SZYMANSKI, Melissa, E.; 32 Concord Street, Greenville, RI 02828 (US). PENNACE, John, R.; 2 Knollwood Road, Paxton, MA 01612 (US).

(74) HILTON, William, E. et al. / etc.; Samuels, Gauthier & Stevens LLP, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09J 7/02

(11) WO 03/087251 (13) A1

(21) PCT/US03/04190

(22) 12 Feb/fév 2003 (12.02.2003)

(25) en (26) en

(30) 10/118,347 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A MICRO-CHANNELED PROTECTIVE FILM

• FILM DE PROTECTION A MICROCA-NAUX

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) SPIEWAK, Brian E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HEGDAHL, David W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BLANK, Colene H., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C09J 7/02, 11/08

(11) WO 03/087252 (13) A1

(21) PCT/US03/04398

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 10/118,120 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLEANLY REMOVABLE TAPES AND METHODS FOR THE MANUFACTURE THEREOF

• BANDES POUVANT ETRE RETIREES PROPREMENT ET PROCEDES DE FABRICATION DE CES BANDES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) NARUM, Timothy, N.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KOBE, James, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). PEREYRA, Rodger, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ZHOU, Zhiming; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) PASTIRIK, Daniel, R. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(i) for all designations / pour toutes les désignations

(51)⁷ C09J 103/02, 103/06

(11) WO 03/087253 (13) A1

(21) PCT/EP03/03587

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 02008430.7 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STARCH-BASED GLUE PASTE COMPOSITIONS

• COMPOSITIONS DE COLLE EN PATE A BASE D'AMIDON

(71) REMY INDUSTRIES N.V. [BE/BE]; Remylaan 4, B-3018 Wijgmaal (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEEROMS, Johan [BE/BE]; Molenstraat 14, B-9308 Hofstade (BE).

(74) HERMANS, Johnny; Tiense Suikerraffinaderij N.V., Aandorenstraat 1, B-3300 Tienen (BE).

(81) AU BR CA CN HU ID IL IN JP KR MX NZ PH PL SG US VN ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C09J 153/00

(11) WO 03/087254 (13) A2

(21) PCT/FR03/01210

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04779 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL HYDROPHILIC ADHESIVE COMPOSITIONS

• NOUVELLES COMPOSITIONS ADHESIVES HYDROPHILES

(71) LABORATOIRES URGO [FR/FR]; 42, rue de Longvic, F-21300 Chenove (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUGUSTE, Stéphane [FR/FR]; 33, rue Pablo Neruda, F-21800 Quétigny (FR). DES-MAISON, Nadège [FR/FR]; 6, rue Claude Basire, F-21000 Dijon (FR).

(74) HUBERT, Philippe et al. / etc.; 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/14, C08J 5/14, F16D 69/02

(11) WO 03/087255 (13) A1

(21) PCT/JP03/04687

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111932 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-ASBESTOS FRICTION MATERIAL

• MATERIAU DE FROTTEMENT SANS AMIANTE

(71) NIPPON VALQUA INDUSTRIES, LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0406 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIGUCHI, Akinobu [JP/JP]; c/o NIPPON VALQUA INDUSTRIES, LTD., 5-2, Techno Park Nara Kogyo Danchi, Sumikawa-cho, Gojo-shi, Nara 637-0014 (JP).

(74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/14, B24D 3/04, 3/14, 3/00

(11) WO 03/087256 (13) A1

(21) PCT/US03/10606

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/121,293 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTI-LOADING TREATMENTS

• TRAITEMENTS ANTI-ENCRASSEMENT

(71) SAINT-GOBAIN ABRASIVES, INC. [US/US]; 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(72) SWEI, Gwo, Shin; 378 Sunderland Road, #19, Worcester, MA 01604 (US). GAETA, Anthony, C.; 3789 Ridge Road, Lockport,

NY 14094 (US). YANG, Wenlinag, Patrick; 8 Birch Hill Road, Ballston Lake, NY 12019 (US). W IJAYA, Jony; 47-4 Briarwood Lane, Marlboro, MA 01752 (US).

(74) BUJOLD, Michael, J. et al. / etc.; Davis & Bujold, P.L.L.C., Fourth Floor, 500 North Commercial Street, Manchester, NH 03101 (US).

(81) AT AU BR CA CN DE GB ID IN JP KR MX NZ RU SE ZA.

(51)⁷ C09K 11/02, H05B 33/04, 33/10, 33/20

(11) WO 03/087257 (13) A1

(21) PCT/US03/11150

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,375 10 Apr/avr 2002 US
(10.04.2002)

(30) 60/404,420 19 Aug/août 2002 US
(19.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRO-INSENSITIVE ELECTROLUMINESCENT DEVICES AND METHODS OF MANUFACTURE THEREOF

• DISPOSITIFS ELECTROLUMINESCENTS INSENSIBLES A L'EAU ET PROCEDE DE PRODUCTION ASSOCIE

(71) FLEXCON COMPANY, INC. [US/US]; 1 Flexcon Industrial Park, Spencer, MA 01562-2642 (US).

(72) MCDONOUGH, Neil; 112 Richard Avenue, Paxton, MA 01612 (US). SEGALL, Daniel, P.; 143 Deepwoods Drive, Longmeadow, MA 01106 (US). HILTON, Iris, E.; 2 Ten Schoolhouse Road, Charlton, MA 01507 (US). PENNACE, John, R.; 2 Knollwood Road, Paxton, MA 01612 (US).

(74) HILTON, William, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 11/06, H05B 33/14, 33/22

(11) WO 03/087258 (13) A1

(21) PCT/JP03/04483

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 2002-109939 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORGANIC LIGHT-EMITTING DEVICE
• DISPOSITIF LUMINEUX ORGANIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMADA, Naoki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). UENO, Kazunori [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OKABE, Masao et al. / etc.; 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 11/77, 11/61

(11) WO 03/087259 (13) A1

(21) PCT/CN03/00268

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02116679.X 15 Apr/avr 2002 CN (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NANOMETER-SIZED UP-CONVERTING PHOSPHOR FLUORIDE PARTICLES AND PROCESS OF PREPARATION

• PARTICULES DE FLUORURE DE PHOSPHORE DE CONVERSION ASCENDANTE A L'ECHELLE NANOMETRIQUE ET PROCEDES DE PREPARATION ASSOCIES

(71) TSINGHUA UNIVERSITY [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). CAPITAL BIOCHIP COMPANY, LTD. [CN/CN]; Jia N^o 2, Qinghua West Road, Haidian District, Beijing 100084 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YI, Guangshun [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). SUN, Baoquan [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). CHEN, Depu [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). ZHOU, Yuxiang [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). CHENG, Jing [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). YANG, Wenjun [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). GE, Yue [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN). GUO, Lianghong [CN/CN]; Tsinghua University, Haidian District, Beijing 100084 (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Xicheng District, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 15/00, 15/04, C12P 13/00

(11) WO 03/087260 (13) A1

(21) PCT/US03/10782

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,468 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYMERIC ANTIOXIDANTS
• ANTIOXYDANTS POLYMERES

(71) UNIVERSITY OF MASSACHUSETTS LOWELL [US/US]; 600 Suffolk Street, 2nd Floor South, Lowell, MA 01854 (US). GOVERNMENT OF THE UNITED STATES, as represented by THE SECRETARY OF THE ARMY [US/US]; Washington, DC (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHOLLI, Ashok, L. [US/US]; 6 Rosemary Lane, Chelmsford, MA 01824 (US). KUMAR, Vijayendra [IN/US]; 142 Riverside Street, No. 3, Lowell, MA 01854 (US). KUMAR, Jayant [US/US]; 53 Griffin Road, Westford, MA 01886 (US). PARMAR, Virinder, Singh [IN/US]; 142 Riverside Street, No. 3, Lowell, MA 01854 (US). SAMUELSON, Lynne, Ann [US/US]; 21 McDonough Drive, Marlborough, MA 01752 (US). BRUNO, Ferdinando, F. [US/US]; 16 Samos Lane, Andover, MA 01810 (US).

(74) PIERCE, N., Scott et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 19/34, G02F 1/13

(11) WO 03/087261 (13) A1

(21) PCT/JP03/04791

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113972 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID-CRYSTAL DISPLAY
• AFFICHEUR A CRISTAUX LIQUIDES

(71) FUJITSU DISPLAY TECHNOLOGIES CORPORATION [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG [DE/DE]; Frankfurter Str. 250, 64293 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKANISHI, Yohei [JP/JP]; C/O FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHIBASAKI, Masakazu [JP/JP]; C/O FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HANAOKA, Kazutaka [JP/JP]; C/O FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). INOUE, Yuichi [JP/JP]; C/O FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TARUMI, Kazuaki [JP/DE]; C/O Merck Patent Gesellschaft mit Beschränkter Haftung, Frankfurter Str. 250, 64293 Darmstadt (DE). BREMER, Matthias [DE/DE]; C/O Merck Patent Gesellschaft mit Beschränkter Haftung, Frankfurter Str. 250, 64293 Darmstadt (DE). KLASSEN-MEMMER, Melanie [DE/DE]; C/O Merck Patent Gesellschaft mit Beschränkter Haftung, Frankfurter Str. 250, 64293 Darmstadt (DE). GREENFIELD, Simon [GB/GB]; 192, Rempstone Road, Wimborne, Dorset BH21 1SY (GB). HARDING, Richard [GB/GB]; Chilworth Science Park, University Parkway, Chilworth, Southampton, Hampshire SO16 7QD (GB).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10B 57/06

(11) WO 03/087262 (13) A1

(21) PCT/JP03/03294

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-114228 17 Apr/avr 2002 JP
(17.04.2002)(30) 2002-114232 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTIVE POLYCYCLIC AROMATIC
HYDROCARBON MATERIAL AND
METHOD FOR PRODUCTION
THEREOF• MATERIAU D'HYDROCARBURE
AROMATIQUE POLYCYCLIQUE AC-
TIF ET PROCEDE DE PRODUCTION
DE CELUI-CI(71) OSAKA GAS COMPANY LIMITED
[JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku,
Osaka-shi, Osaka 541-0046 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SATAKE, Hisashi [JP/JP]; 17-11,
Onoasahi 2-chome, Shiga-cho, Shiga-gun,
Shiga 520-0533 (JP). YATA, Shizukuni
[JP/JP]; 6-13, Miyaniishi 2-chome,
Harima-cho, Kako-gun, Hyogo 675-0145
(JP). TAJIRI, Hiroyuki [JP/JP]; 8-23, My-
ojin 1-chome, Oji-cho, Kitakatsuragi-gun,
Nara 636-0022 (JP).(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK
Building, 1-7-1, Doshomachi, Chuo-ku, Os-
aka-shi, Osaka 541-0045 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C10G

(11) WO 03/087263 (13) A2

(21) PCT/US03/10438

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,211 9 Apr/avr 2002 US
(09.04.2002)(30) 10/391,434 18 Mar/mar 2003 US
(18.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVEMENTS IN OIL DESALT-
ING BY FORMING UNSTABLE WA-
TER-IN-OIL EMULSIONS• AMELIORATIONS DU DESSALAGE
DU PETROLE PAR FORMATION
D'EMULSIONS EAU DANS HUILE
INSTABLES(71) EXXONMOBILE RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).(72) VARADARAJ, Ramesh; 18 Aberdeen Cir-
cle, Flemington, NJ 08822 (US).(74) PURWIN, Paul, E. et al. / etc.; ExxonMo-
bil Research and Engineering Company, 1545Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C10G

(11) WO 03/087264 (13) A2

(21) PCT/US03/08759

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/118,053 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDUCTION OF CARBON DIOXIDE
EMISSIONS FROM FISCHER-TROP-
SCH GTL FACILITY BY AROMATICS
PRODUCTION• REDUCTION DES EMISSIONS DE
DIOXYDE DE CARBONE EMA-
NANT D'UN EQUIPEMENT GTL FI-
SCHER-TROPSCH(71) CHEVRON U.S.A. INC. [US/US]; 6001
Bollinger Canyon Road, San Ramon, CA
9458 (US).(72) O'REAR, Dennis, J.; 49 Upland Drive,
Petaluma, CA 94952 (US).(74) ZAVELL, A., Stephen et al. / etc.; Chevron
Corporation, Law Department, P.O. Box
6006, San Ramon, CA 94583-0806 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C10G 2/00

(11) WO 03/087265 (13) A1

(21) PCT/ZA03/00051

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 2002/2986 16 Apr/avr 2002 ZA
(16.04.2002)(30) 60/372,667 16 Apr/avr 2002 US
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDROCARBON SYNTHESIS
PROCESS USING AN ALKALI PRO-
MOTED IRON CATALYST• PROCEDE DE SYNTHESE D'HYDRO-
CARBURES AU MOYEN D'UN CATA-
LYSEUR DE FER AMELIORE AUX AL-
CALIS(71) SASOL TECHNOLOGY (PROPRI-
ETARY) LIMITED [ZA/ZA]; 1 Sturdee
Avenue, Rosebank, 2196 Johannesburg (ZA).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BOTES, Frederick, Gideon [ZA/ZA];
12 Vaalrivier Street SE4, 1911 Vanderbijl-
park (ZA). BROMFIELD, Tracy, Carolyn
[ZA/ZA]; 2 Melrose Place, Cnr. Delius and
Chopin Street SW5, 1911 Vanderbijlpark
(ZA).(74) TRUTER, Jacobus, Tridoux; D M Kisch
Inc, P.O. Box 781218, 2146 Sandton (ZA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ C10G 2/00

(11) WO 03/087266 (13) A1

(21) PCT/ZA03/00052

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02/2986 16 Apr/avr 2002 ZA
(16.04.2002)(30) 60/372,667 16 Apr/avr 2002 US
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDROCARBON SYNTHESIS
PROCESS USING A HYDROCAR-
BON SYNTHESIS CATALYST AND AN
ACIDIC CATALYST• PROCEDE DE SYNTHESE D'HYDRO-
CARBURES COMPRENANT L'UTI-
LISATION D'UN CATALYSEUR DE
SYNTHESE D'HYDROCARBURES ET
D'UN CATALYSEUR ACIDE(71) SASOL TECHNOLOGY (PROPRI-
ETARY) LIMITED [ZA/ZA]; 1 Sturdee
Avenue, Rosebank, 2196 Johannesburg (ZA).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BOTES, Frederick, Gideon [ZA/ZA];
12 Vaalrivier Street SE4, 1911 Vanderbijl-
park (ZA). BROMFIELD, Tracy, Carolyn
[ZA/ZA]; 2 Melrose Place, Cnr. Delius and
Chopin Streets SW5, 1911 Vanderbijlpark
(ZA). GIBSON, Philip [ZA/ZA]; 18 Zout-
pansberg Street, Vaalpark, 9570 Sasolburg
(ZA). ESPINOZA, Rafael, Luis [ZA/US];

1469 North Prentice Road, Ponca City, Oklahoma 74604 (US).

(74) **TRUTER, Jacobus, Tridoux**; D M Kisch Inc., P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C10G 9/00, 69/06, B01J 8/00

(11) WO 03/087267 (13) A1

(21) PCT/US03/11245

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,897 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEPARATION PROCESS AND APPARATUS FOR REMOVAL OF PARTICULATE MATERIAL FROM DELAYED COKING GAS OIL
• PROCEDE ET APPAREIL DE SEPARATION SERVANT A ELIMINER DES MATIERES PARTICULAIRES DE GASOIL DE ZONE DE DETENTE

(63) US 10/121,897 (CON) 11 Apr/avr 2002 (11.04.2002)

(71) **CONOCOPHILLIPS COMPANY** [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANNESLEY, Sharon A.** [US/US]; 400 N. 8th St., Ponca City, OK 74601-4708 (US).
HUGHES, Gary C. [US/US]; 151 Orchard Lane, Ponca City, OK 74601-5151 (US).
SANDARUSI, Jamal, A. [US/US]; 1611 Silkleaf Lane, Houston, Tx 77094-3-43 (US).

(74) **MILLER, Cynthia R.** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10G 9/20

(11) WO 03/087268 (13) A2

(21) PCT/US03/11064

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,072 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CRACKING FURNACE WITH MORE UNIFORM HEATING
• FOURNEAU DE CRAQUAGE A CHALEUR UNIFORME

(71) **ABB LUMMUS GLOBAL INC.** [US/US]; 1515 Broad Street, Bloomfield, NJ 07003 (US).

(72) **PLATVOET, Erwin, M., J.**; Ifluhstrasse 2, CH-5301 Siggenthal Station (CH).
ALBANO, John, V.; 768 Glenside Court East, Oradell, NJ 07649 (US).
McCARTHY, Frank, D.; 151 Warbler Drive, Wayne, NJ (US).
FELL, Paul, J.; 1619 Dubac Road, Wall Township, NJ (US).

(74) **CALDERONE, Adrian, T.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Blvd., Uniondale, NY 11553 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10G 29/04, 29/16, 25/12, B01J 20/02, 20/34, 38/10

(11) WO 03/087269 (13) A1

(21) PCT/US03/02973

(22) 31 Jan/jan 2003 (31.01.2003)

(25) en (26) en

(30) 10/116,982 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED DESULFURIZATION PROCESS
• PROCEDE DE DESULFURATION AMELIORE

(63) US 10/116,982 (CON) 5 Apr/avr 2002 (05.04.2002)

(71) **CONOCOPHILLIPS COMPANY** [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHARE, Gyanesh, P.** [US/US]; 19418 Texas Laurel Trail, Kingwood, TX 77346 (US).
CASS, Bryan, W. [US/US]; Route 3, Box 7890, Bartlesville, OK 74003 (US).
ENGELBERT, Donald, R. [US/US]; P.O. Box 336, Copan, OK 74022 (US).
SUGHRUE, Edward, L. [US/US]; 6468 Clear Creek

Loop, Bartlesville, OK 74006 (US).
KIDD, Dennis, R. [US/US]; 13951 North 3968 Drive, Dewey, OK 74029 (US).
THOMPSON, Max, W. [US/US]; 7935 Chianti Ct., Sugar Land, TX 77479 (US).

(74) **RICHARDS, John** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10G 33/04

(11) WO 03/087270 (13) A1

(21) PCT/US03/10375

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,212 9 Apr/avr 2002 US (09.04.2002)

(30) 10/391,433 18 Mar/mar 2003 US (18.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INVERSION PROCESS OF A WATER-IN-OIL EMULSIONS TO OIL-IN-WATER EMULSION
• PROCEDE D'INVERSION D'EMULSIONS EAU DANS L'HUILE EN EMULSIONS HUILE DANS L'EAU

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **VARADARAJ, Ramesh**; 18 Aberdeen Circle, Flemington, NJ 08822 (US).

(74) **VARADARAJ, Ramesh**, et al. / etc.; Exxonmobil Research and Engineering Compagny, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C10G 35/00, 35/04, C07C 27/06

(11) WO 03/087271 (13) A1

(21) PCT/US03/09331

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/118,029 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDUCING CO₂ LEVELS IN CO₂-RICH
NATURAL GASES CONVERTED INTO
LIQUID FUELS

• REDUCTION DES NIVEAUX DE
CO₂ >2</SB> DANS DES GAZ
NATURELS RICHES EN CO₂ >2
</SB> TRANSFORMES EN CARBU-
RANTS LIQUIDES

(71) CHEVRON U.S.A. INC. [US/US]; 6001
Bollinger Canyon Road, Building T, Third
Floor, San Ramon, CA 9458 (US).(72) O'REAR, Dennis, J.; 49 Upland Drive,
Petaluma, CA 94952 (US).(74) ZAVELL, Stephen, A. et al. / etc.; Chevron-
texaco Corporation, Law Department,
Post Office Box 6006, San Ramon, CA
94583-0806 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C10G 65/00, 65/02

(11) WO 03/087272 (13) A1

(21) PCT/NL03/00260

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 02076335.5 5 Apr/avr 2002 EP
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDROPROCESSING OF HYDRO-
CARBON FEEDSTOCK

• HYDROCRAQUAGE D'UNE CHARGE
D'ALIMENTATION EN HYDROCAR-
BURE

(71) ENGELHARD CORPORATION
[US/US]; 101 Wood Avenue, Iselin, NJ
08830-0770 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VAARKAMP, Marius [NL/US]; 9717
Cypress Wood Drive, Houston, TX 77070
(US). CHI, Chung-Ming [US/US]; 82
Old Quarry Drive, Weymouth, MA 02188
(US). DULJNDAM, Hubertus, Adrianus
[NL/NL]; Klein Delftgauw 53, NL-2616 LC
Delft (NL).(74) PRINS, A., W.; Nieuwe Parklaan 97,
NL-2587 BN Den Haag (NL).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /

modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C10L 1/08

(11) WO 03/087273 (13) A1

(21) PCT/EP03/03927

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02252637.0 15 Apr/avr 2002 EP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD TO INCREASE THE CETANE
NUMBER OF GAS OIL

• PROCEDE POUR AUGMENTER L'IN-
DICE CETANE DU GAZOLE

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CLARK, Richard, Hugh [GB/GB];
Pool Lane, Ince, Chester, Cheshire CH2 4NU
(GB). KALGHATGI, Gautam, Tavanappa
[GB/GB]; Pool Lane, Ince, Chester, Cheshire
CH2 4NU (GB). LINEY, Eleanor, Mair
[GB/GB]; Pool Lane, Ince, Chester, Cheshire
CH2 4NU (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C10L 5/00

(11) WO 03/087274 (13) A1

(21) PCT/US02/11764

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF FORMING A FEED FOR
COAL GASIFICATION

• PROCEDE DESTINE A FORMER UNE
CHARGE DESTINEE A LA GAZEIFI-
CATION DE CHARBON

(71) GTL ENERGY [US/US]; 6215 Cottonwood
Shores Drive, Wellington, CO 80549-1674
(US).(72) FRENCH, Robert; 6215 Cottonwood
Shores Drive, Wellington, CO 80549 (US).
REEVES, Robert, A.; 6424 De Frame
Court, Arvada, CO 80004 (US). BENHAM,
Charles, B.; Denver, CO (US).(74) TRAVER, Robert, D. et al. / etc.; Sheridan
Ross P.C., 1560 Broadway, Suite 1200, Den-
ver, CO 80202-5141 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ C10L 5/44

(11) WO 03/087275 (13) A1

(21) PCT/EP03/03966

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) A 591/2002 17 Apr/avr 2002 AT
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBUSTIBLE IN THE FORM OF
COMPRESSED ELEMENTS CON-
TAINING PLANT MATERIAL AND
METHOD FOR THE PRODUCTION OF
SUCH A COMBUSTIBLE

• COMBUSTIBLE SOUS FORME DE
PRODUIT COMPRIME CONSTITUE
DE MATIERE VEGETALE ET PRO-
CEDE POUR PRODUIRE UN COM-
BUSTIBLE DE CE TYPE

(71) ENTWICKLUNG UND HERSTEL-
LUNG VON PRODUKTEN AUS
NACHWACHSENDEN ROHSTOFFEN
MIT MIKROORGANISMEN TECH-
NOLOGIE KLEEDORFER VIDENSKY
OEG [AT/AT]; Museumstrasse 3b/8, A-1070
Wien (AT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KLEEDORFER, Thomas [AT/AT];
Museumstrasse 3b/8, A-1070 Wien (AT). VI-
DENSKY, Felix [AT/AT]; A-3543 Krumau
am Kamp (AT).(74) PUCHBERGER, Rolf et al. / etc.; Reich-
sratsstrasse 13, A-1010 Wien (AT).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C10L 5/44

(11) WO 03/087276 (13) A1

(21) PCT/GB03/01450

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0207973.9 6 Apr/avr 2002 GB
(06.04.2002)

(30) 0211160.7 16 May/mai 2002 GB
(16.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRODUCTION OF COMPACT
BIOMASS FUEL

• PRODUCTION DE COMBUSTIBLE
A PARTIR D'UNE BIOMASSE COM-
PACTE

(71) BIOJOULE LIMITED [GB/GB]; 329 Har-
well, Didcot, Oxon OX11 0QJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MASON, Michael [GB/GB]; 58 Church
Way, Oxford OX4 4EF (GB). DUMBLE-
TON, Frederick, Joseph [GB/GB]; 11 Owl
End Way, Lower Boddington, Daventry,
Northants NN11 6YA (GB).

(74) CLAYTON-HATHWAY, Anthony,
Nicholas et al. / etc.; Fry Heath & Spence
LLP, The Gables, Massetts Road, Horley,
Surrey RH6 7DQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (b)

(51)⁷ C10M

(11) WO 03/087277 (13) A2

(21) PCT/US02/32191

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 60/328,321 10 Oct/oct 2001 US
(10.10.2001)

(30) Not furnished / 8 Oct/oct 2002 US
non communiqué (08.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BIODEGRADABLE NON-TOXIC
GEAR OIL

• HUILE POUR ENGRENAGE NON
TOXIQUE ET BIODEGRADABLE

(71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).

(72) CARDIS, Angeline, Baird; 350 West Front
Street, Florence, NJ 08518 (US). ARDITO,
Susan, C.; 1405 South Wanamassa Drive,
Ocean, NJ 07712 (US).

(74) FOSS, Norby, L. et al. / etc.; Exxonmo-
bil Research and Engineering Company, 1545
Route 22 East, P. O. Box 900, Annandale, NJ
08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11C 3/00, C07C 67/08, 69/533

(11) WO 03/087278 (13) A1

(21) PCT/AT03/00101

(22) 7 Apr/avr 2003 (07.04.2003)

(25) de (26) de

(30) A 569/2002 12 Apr/avr 2002 AT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR THE ES-
TERIFICATION OF FATTY ACIDS

• PROCEDE ET INSTALLATION D'ES-
TERIFICATION D'ACIDES GRAS

(71) ENERGEA UMWELTECHNOLOGIE
GMBH [AT/AT]; Freudenuer Hafenstrasse
8-10, A-1020 Wien (AT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ERGÜN, Nurhan [AT/AT]; Wipplinger-
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Peter [AT/AT]; Hauptstrasse 21, A-7033
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(74) KRAUSE, Peter; Sagerbachgasse 7, A-2500
Baden (AT).

(81) AE AG AL AM AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C11C 3/00, C10L 1/02

(11) WO 03/087279 (13) A2

(21) PCT/US03/11299

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,072 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTINUOUS TRANSESTERIFICA-
TION PROCESS

• PROCEDE DE TRANSESTERIFICA-
TION CONTINUE

(71) CORNELL RESEARCH FOUNDATION,
INC. [US/US]; 20 Thornwood Drive, Suite
105, Ithaca, NY 14850 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) CENTER, Alfred [US/US]; 414 W.
Seneca Street, Ithaca, NY 14850 (US).
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nia Drive, #B, Columbus, OH 43232 (US).
NADY, Andras [US/US]; P.O. Box 2471,
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36526 (US). WOOD, Christian [US/US];
2532 Swain Street, Philadelphia, PA 19130
(US). FLEISHER, Christian [US/US];
BioDiesel Technologies, Inc., P.O. Box 135,
Paul Smiths, NY 12970-0135 (US).

(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box
2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C11D 1/645, 1/835

(11) WO 03/087280 (13) A1

(21) PCT/US03/10574

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/121,175 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER REMOVAL FROM A SURFACE
WITHOUT USE OF HYDROCARBON

• ELIMINATION DE L'EAU D'UNE SUR-
FACE SANS UTILISER D'HYDROCAR-
BURE

(71) **ECOLAB INC.** [US/US]; Ecolab Center, St. Paul, MN 55102 (US).

(72) **BESSE, Michael, E.**; 7450 Winnetka Heights Road, Golden Valley, MN 55427 (US). **HOYT, Jerry, D.**; 12171 Indian River Trail, Hastings, MN 55033 (US). **KLOS, Terry, J.**; 8135 Trillium Circle, Victoria, MN 55386 (US). **HEI, Robert, D., P.**; 2224 30th Avenue, Baldwin, WI 54002 (US).

(74) **SORENSEN, Andrew, D.**; Ecolab Inc., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 1/83, 3/34, 3/02, 3/50, 3/37, 3/20

(11) WO 03/087281 (13) A1

(21) PCT/US03/10802

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,256 9 Apr/avr 2002 US (09.04.2002)

(30) 10/269,898 10 Oct/oct 2002 US (10.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CLEANING COMPOSITION
• COMPOSITION DE NETTOYAGE LIQUIDE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **LEONARD, Isabelle**; 25, Vieille Voie de Tongres, B-4451 Voroux-Lez-Liers (BE). **DORMAL, Didier**; Deigne 111, B-4920 Aywaille (BE).

(74) **NANFELDT, Richard, E.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 3/00, 11/00, 17/04

(11) WO 03/087282 (13) A1

(21) PCT/US03/10568

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/120,891 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC SOFTENER COMPOSITION AND METHODS FOR MANUFACTURING AND USING

• COMPOSITION D'ASSOUPPLISSANT TEXTILE ET PROCÉDES DE PRODUCTION ET D'UTILISATION DE CETTE DERNIERE

(71) **ECOLAB INC.** [US/US]; Ecolab Center, St. Paul, MN 55102 (US).

(72) **LENTSCH, Steven, E.**; 21 Orme Court, St. Paul, MN 55116 (US). **MAN, Victor, F.**; 1410 Carling Drive, Apt. 207, St. Paul, MN 55108 (US). **TILLESKJØR, Jaclyn, J.**; 3535 Montmorency Street, Vadnais Heights, MN 55110 (US).

(74) **SORENSEN, Andrew, D.**; Ecolab Inc., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 3/20, 1/83, 3/382

(11) WO 03/087283 (13) A1

(21) PCT/US03/10689

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/118,880 9 Apr/avr 2002 US (09.04.2002)

(30) 10/259,043 27 Sep/sep 2002 US (27.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH FOAMING, GREASE CUTTING LIGHT DUTY LIQUID COMPOSITION CONTAINING AT LEAST ONE NATURAL EXTRACT

• COMPOSITION LIQUIDE LEGERE HAUTEMENT MOUSSEUSE ET ELIMINANT LA GRAISSE, CONTENANT AU MOINS UN EXTRAIT NATUREL

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **ARVANITIDOU, Evangelia**; 40 Curtis Court, Kendall Park, NJ 08824 (US). **THOMAS, Barbara**; 16 Evergreen Circle, Princeton, NJ 08540 (US). **SURIANO, David**; 7 Cherry Blossom Drive, Monroe Township, NJ 08831 (US). **WISNIEWSKI, Karen**; 267 Park Avenue, Bound Brook, NJ 08805 (US).

(74) **NANFELDT, Richard, E.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 7/50, C23G 5/032, C11D 7/26

(11) WO 03/087284 (13) A1

(21) PCT/FR03/00843

(22) 17 Mar/mar 2003 (17.03.2003)

(25) fr (26) fr

(30) 02/04591 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITION COMPRISING A MIXTURE OF ALKYL MONO AND POLYLACTYLACTATE
• COMPOSITION COMPRENANT UN MELANGE DE MONO- ET POLYLACTYLACTATE D'ALKYLE

(71) **ATOFINA** [FR/FR]; 4-8, Cours Michelet, F-92800 Puteaux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TEISSIER, Rémy** [FR/FR]; 5, impasse des Bruyères, F-69340 Francheville (FR).

(74) **POISSON, Pierre**; Atofina-Département Propriété Industrielle, 4-8, cours Michelet-La Défense 10, F-92091 Paris La Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C11D 11/00, 1/835

(11) WO 03/087285 (13) A1

(21) PCT/EP03/02700

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 0208696.5 16 Apr/avr 2002 GB (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC TREATMENT COMPOSITION
• COMPOSITION D'APPRET THERMIQUE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) FRY, Alan, John; 35 Winchester Avenue, Ellesmere Port, Cheshire CH65 5DL (GB). MOHAMMADI, Mansur, Sultan; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 11/00, 1/62, 1/835, 3/18, 3/20, 3/16, 1/66

(11) WO 03/087286 (13) A1

(21) PCT/EP03/02701

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 0208695.7 16 Apr/avr 2002 GB (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC TREATMENT COMPOSITION
• COMPOSITION DE TRAITEMENT DE TISSU

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) FRY, Alan, John; 35 Winchester Avenue, Ellesmere Port, Cheshire CH65 5DL (GB). MOHAMMADI, Mansur, Sultan; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 17/00, 11/00, 3/37, A61K 9/16, 9/50

(11) WO 03/087287 (13) A1

(21) PCT/US03/09607

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/119,567 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TARGETED CONTROLLED DELIVERY COMPOSITIONS ACTIVATED BY CHANGES IN PH OR SALT CONCENTRATION

• COMPOSITIONS A LIBERATION CONTROLEE CIBLEE ACTIVEES PAR DES MODIFICATIONS DU PH OU DE LA CONCENTRATION EN SEL

(71) SALVONA L.L.C. [US/US]; 65 Stults Road, Dayton, NJ 08810 (US).

(72) SHEFER, Adi; 14 Jason Drive, East Brunswick, NJ 08816 (US). SHEFER, Samuel, David; 14 Jason Drive, East Brunswick, NJ 08816 (US).

(74) DUNN MCKAY, Diane; Mathews, Collins, Shepherd & McKay, P.A., 100 Thanet Circle, Suite 306, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D 17/06, 1/66, 3/20, 3/34

(11) WO 03/087288 (13) A1

(21) PCT/US03/08425

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 02447065.0 11 Apr/avr 2002 EP (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DETERGENT GRANULE COMPRISING A NONIONIC SURFACTANT AND A HYDROTROPE

• GRANULE DETERGENT COMPRIANT UN TENSIOACTIF NON IONIQUE ET UN HYDROTROPE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) VANDIJK, Paul, Irma, Albertus; 226 Leuvensebaan, B-2580 Putte (BE). VEGA, Jose, Luis; 47 Bloemendallaan, 1853 Strombeek-Bever (ES).

(74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C12G

(11) WO 03/087289 (13) A2

(21) PCT/IB03/01627

(22) 17 Apr/avr 2003 (17.04.2003)

(25) it (26) en

(30) MI2002A000809 17 Apr/avr 2002 IT (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE SELECTION OF COMPOUNDS USEFUL FOR THE TREATMENT OF HUNTINGTON'S DISEASE

• PROCEDE DE SELECTION DE COMPOSES UTILES DANS LE TRAITEMENT DE LA CHOREE DE HUNTINGTON

(71) UNIVERSITA' DEGLI STUDI DI MILANO [IT/IT]; Via Festa del Perdono, 7, I-20122 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATTANEO, Elena [IT/IT]; Via Scriverio, 29, I-20047 Brughiero (IT). ZUCATO, Chiara [IT/IT]; Via De Gasperi 45 C, I-21012 Cassonao Magnago (IT).

(74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12G 1/022, C12N 9/24

(11) WO 03/087290 (13) A1

(21) PCT/JP03/04770

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113592 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS FOR IMPROVING THE FLAVOR OF ALCOHOLIC BEVERAGE MADE FROM GRAPE

• COMPOSITIONS PERMETTANT D'AMELIORER LA SAVEUR DES BOISSONS ALCOOLQUES FABRIQUEES A PARTIR DE RAISIN

(71) AMANO ENZYME INC. [JP/JP]; 2-7, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP). NATIONAL RESEARCH INSTITUTE OF BREWING [JP/JP]; 7-1, Kagamiyama 3-chome, Higashihiroshima-shi, Hiroshima 739-0046 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSURUHAMI, Kazutaka [JP/JP]; c/o Gifu R & D Center, AMANO ENZYME INC., 179-35, Sue-cho 4-chome, Kakamigahara-shi, Gifu 509-0108 (JP). AMANO, Hitoshi [JP/JP]; c/o Gifu R & D Center, AMANO ENZYME INC., 179-35, Sue-cho 4-chome, Kakamigahara-shi, Gifu 509-0108 (JP). MORI, Shigeharu [JP/JP]; c/o Gifu R & D Center, AMANO ENZYME INC., 179-35, Sue-cho 4-chome, Kakamigahara-shi, Gifu 509-0108 (JP). GOTO, Nami [JP/JP]; c/o NATIONAL RESEARCH INSTITUTE OF BREWING, 7-1, Kagamiyama 3-chome, Higashihiroshima-shi, Hiroshima 739-0046 (JP). ARAMAKI, Isao [JP/JP]; c/o NATIONAL RESEARCH INSTITUTE OF BREWING, 7-1, Kagamiyama 3-chome, Higashihiroshima-shi, Hiroshima 739-0046 (JP). FUJITA, Akiko [JP/JP]; c/o NATIONAL RESEARCH INSTITUTE OF BREWING, 7-1, Kagamiyama 3-chome, Higashihiroshima-shi, Hiroshima 739-0046 (JP).

(74) KONISHI, Tomimasa et al. / etc.; 7F, Marunouchi Estate Bldg., 17-12, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12G 1/68

(11) WO 03/087291 (13) A2

(21) PCT/US03/10958

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,974 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE ACTIVATED BIOCHIP

• PUCE A ADN ACTIVEE PAR LA SURFACE

(71) SPIRE CORPORATION [US/US]; One Patriots Park, Bedford, MA 01730 (US).

(72) LITTLE, Roger, G.; 228 Dudley Road, Bedford, MA 01730 (US).

(74) ENGELLENER, Thomas, J. et al. / etc.; Nutter McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12M

(11) WO 03/087292 (13) A2

(21) PCT/CA03/00519

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,209 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATED TISSUE ENGINEERING SYSTEM

• SYSTEME AUTOMATISE D'INGENIERIE DES TISSUS

(71) MILLENIUM BIOLOGIX INC. [CA/CA]; 785 Midpark Drive, Suite 200, Kingston, Ontario K7M 7G3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Timothy, J.N. [CA/CA]; 47 Cooperfield Drive, Kingston, Ontario K7M 1M3 (CA). PUGH, Sydney, M. [CA/CA]; 499 Maple Lawn Drive, Glenburnie, Ontario K0H 1S0 (CA). PECARIC, Martin,

- R. [CA/CA]; 27 Ainsley Place, Kingston, Ontario K7K 6K4 (CA). **HAGG, Rupert** [CH/CH]; Roggenweg, 10, CH-8405 Winterthur (CH). **TOMMASINI, Roberto** [CH/CH]; Mattenweg 15, CH-8610 Uster (CH). **LARCHER, Yves** [CH/CH]; Urdorferstrasse 25, CH-8952 Schileren (CH). **MISENER, D., Lowell** [CA/CA]; 411 Sheila Court, Kingston, Ontario K7K 7C7 (CA).
- (74) **BARTOSZEWICZ, Lola, A. et al.** / etc.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C12M 1/34, 1/42, C12Q 1/02, G01N 33/487**
- (11) **WO 03/087293** (13) A1
- (21) PCT/GB03/01453
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) en (26) en
- (30) 0207845.9 **4 Apr/avr 2002 (04.04.2002)** GB
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS AND METHOD FOR BIO-CHEMICAL ANALYSIS
- APPAREIL ET TECHNIQUES D'ANALYSE BIOCHIMIQUE
- (71) **LGC LIMITED** [GB/GB]; Queens Road, Teddington, Middlesex TW11 0LY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASSELLS, Nicholas, Paul** [GB/GB]; LGC Limited, Queens Road, Teddington, Middlesex TW11 0LY (GB).
- (74) **ADAMS, Harvey, Vaughan, John et al.** / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51) **C12N**
- (11) **WO 03/087294** (13) A2
- (21) PCT/EP03/03638
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) de (26) de
- (30) 102 16 800.8 **15 Apr/avr 2002 (15.04.2002)** DE
- (30) 102 22 513.3 **17 May/mai 2002 (17.05.2002)** DE
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RECOMBINING VIRAL VECTORS FOR THE TETRACYCLINE-REGULATED EXPRESSION OF GENES
- VECTEURS VIRAUX RECOMBINANTS POUR L'EXPRESSION GÉNIQUE RÉGULABLE PAR LA TETRACYCLINE
- (71) **UNIVERSITÄTSKLINIKUM HAMBURG-EPPENDORF** [DE/DE]; Martinistrasse 52, 20246 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLOCK, Andreas** [DE/DE]; Lokstedter Steindamm 80, 22529 Hamburg (DE).
- (74) **WEBER-QUITZAU, Martin et al.** / etc.; Uexküll & Stolberg, Beselerstrasse 4, 22607 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **C12N**
- (11) **WO 03/087295** (13) A2
- (21) PCT/IB02/01349
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SUPERIOR, NOVEL, QUALITY MULBERRY SILKWORM HYBRIDS AND A METHOD THEREOF
- NOUVEAUX HYBRIDES DU BOMBYX DU MURIER DE QUALITÉ SUPÉRIEURE, ET LEUR PROCÉDÉ
- (71) **ANDHRA PRADESH STATE SERICULTURE RESEARCH & DEVELOPMENT INSTITUTE** [IN/IN]; Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS** [IN/IN]; An autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Government of India, 4-87/1, ECIL Road, Nacharam, Hyderabad 500 076 (IN).

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- (72, 75) **CHANDRASHEKHARAIH** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **RAO, Chikati, Guruprasad** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **SIVAPRASAD, Vankadara** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **BABU, Modumudi, Ramesh** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **GOEL, Ajay, Kumar** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **PRASAD, Jonna** [IN/IN]; Andhra Pradesh State Sericulture Research & Development Institute, Kirikera, Hindupur, Andhra Pradesh 515 211 (IN). **NAGARAJU, Javare, Gowda** [IN/IN]; Centre for DNA Fingerprinting and Diagnostics, 4-87/1, ECIL Road, Nacharam, Hyderabad 500 076 (IN).
- (74) **BHOLA, Ravi et al.** / etc.; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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- (51)⁷ **C12N**
- (11) **WO 03/087296** (13) A2
- (21) PCT/IL03/00320
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) en (26) en
- (30) 60/372,429 **16 Apr/avr 2002 (16.04.2002)** US
- (30) 10/211,522 **5 Aug/août 2002 (05.08.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOVEL METHODS FOR THE IN-VITRO IDENTIFICATION, ISOLATION AND DIFFERENTIATION

- OF VASCULOGENIC PROGENITOR CELLS
- NOUVELLES METHODES D'IDENTIFICATION, D'ISOLATION ET DE DIFFERENCIATION IN VITRO DE CELLULES PROGENITRICES VASCULOGENES
- (71) **TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Senate House, Technion City, 32 000 Haifa (IL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GERECHT-NIR, Sharon** [IL/IL]; 45 HaShimshon, 34 678 Haifa (IL). **IT-SKOVITZ-ELDOR, Joseph** [IL/IL]; 42 SheErit HaPleta Street, 34 987 Haifa (IL).
- (74) **G. E. EHRlich (1995) LTD.**; 28 Bezalel Street, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087297** (13) A2
- (21) PCT/US02/25118
- (22) **8 Aug/août 2002 (08.08.2002)**
- (25) en (26) en
- (30) 60/310,985 **8 Aug/août 2001** US (08.08.2001)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INFECTIOUS DISEASE MICROARRAY
- JEUX ORDONNES DE MICROECHANTILLONS CONTRE LES MALADIES INFECTIEUSES
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 2401 Research Drive, Suite 1122, Campus Box 8210, Raleigh, NC 27695-8210 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHARP, Nicholas, J., H.** [GB/CA]; 4862 Pine Crescent Drive, Vancouver, BC V6J 4L3 (CA). **SCHATZBERG, Scott, J.** [US/US]; 1620 Hanshaw Road, Ithica, NY 14850 (US). **OBRIAN, Gregory, Robert** [US/US]; 309 Lyme Court, Raleigh, NC 27609 (US).
- (74) **TAYLOR, JR., Arles, A.; Jenkins & Wilson, P.A.**, University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087299** (13) A2
- (21) PCT/US03/10209
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,699 **5 Apr/avr 2002** US (05.04.2002)
- (30) 60/378,168 **14 May/mai 2002** US (14.05.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS OF CHARACTERIZING MOLECULAR INTERACTION SITES ON PROTEINS
- PROCEDES DE CARACTERISATION DE SITES D'INTERACTION MOLECULAIRE SUR DES PROTEINES
- (71) **SUNESIS PHARMACEUTICALS, INC.** [US/US]; 341 Oyster Point Boulevard, South San Francisco, CA 94080 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ARKIN, Michelle** [US/US]; 145 Jersey Street, San Francisco, CA 94114 (US). **CUNNINGHAM, Brian** [US/US]; 410 Hillcrest Road, San Mateo, CA 94402 (US). **DeLANO, Warren** [US/US]; 79 Bayport Court, San Carlos, CA 94070 (US). **FUCINI, Raymond** [US/US]; 122 Elm Avenue, San Bruno, CA 94066 (US).
- (74) **DREGER, Ginger, R.; Heller, Ehrman White & Macauliffe LLP**, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087300** (13) A2
- (21) PCT/US03/10249
- (22) **1 Apr/avr 2003 (01.04.2003)**
- (25) en (26) en
- (30) 60/370,707 **5 Apr/avr 2002** US (05.04.2002)
- (30) 60/373,824 **19 Apr/avr 2002** US (19.04.2002)
- (30) 60/377,883 **3 May/mai 2002** US (03.05.2002)
- (30) 60/383,218 **24 May/mai 2002** US (24.05.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SECRETED PROTEINS
- PROTEINES SECRETEES
- (71) **INCYTE CORPORATION** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **LEE, Soo, Y.** [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont,

- CA 94555 (US). HAFALIA, April, J., A. [US/US]; 15 Midvale Drive, Daly City, California 94015, Santa Clara, CA 94015 (US). KABLE, Amy, E. [US/US]; 2345 Polk Street #4, San Francisco, CA 94109 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). EMERLING, Brooke, M. [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). JIANG, Xin [US/US]; 14371 Elva Avenue, Saratoga, CA 95070 (US). JACKSON, Alan, A. [US/US]; 1541 Elwood Drive, Los Gatos, CA 95032 (US). HAWKINS, Phillip, R. [US/US]; 750 North Shoreline Boulevard #115, Mountain View, CA 94043 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). MASON, Patricia, M. [US/US]; 360 Clarke Lane, Morgan Hill, CA 95014 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). LAL, Preeti, G. [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). WARREN, Bridget, A. [US/US]; 116 Quail Gardens, Drive, Encinitas, CA 94024 (US). LEE, Sally [US/US]; 1389 via de los Reyes, San Jose, CA 95120 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). FU, Glenn, K. [US/US]; 4215 Roscommon Way, Dublin, CA 94568 (US). WILSON, Amy, D. [US/US]; 1056 Continentals Way, #27, Belmont, CA 94002 (US). XU, Yuming [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (US). BULLOCH, Sean, A. [US/US]; 175 Calvert Drive #B-102, Cupertino, CA 95014 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). BHATIA, Umesh, G. [US/US]; 5212 Union Avenue, San Jose, CA 95124 (US). BURRILL, John, D. [US/US]; 2218 Brewster Avenue, Redwood City, CA 94062 (US). BLAKE, Julie, J. [US/US]; 3818 Pacheco Street, San Francisco, CA 94116 (US). HO, Anne [FR/US]; 1279 Poplar Avenue, #114, Sunnyvale, CA 94086 (US). ZHENG, Wenjin [CN/US]; 9 Sutter Creek Lane, Mountain View, CA 94043 (US).
- (74) HAMLET-COX, Diana et al. / etc.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/087301 (13) A2
- (21) PCT/US03/10296
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/372,352 12 Apr/avr 2002 US (12.04.2002)
- (30) 60/372,675 15 Apr/avr 2002 US (15.04.2002)
- (30) 60/421,010 24 Oct/oct 2002 US (24.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS AND COMPOSITIONS FOR DNA MANIPULATION
- PROCEDES ET COMPOSITIONS DESTINES A LA MANIPULATION DE L'ADN
- (71) NEW ENGLAND BIOLABS, INC. [US/US]; 32 Tozer Road, Beverly, MA 01915 (US).
- (72) BITINAITE, Jurate; Post Office Box 111, Essex, MA 01929 (US).
- (74) STRIMPEL, Harriet, M. et al. / etc.; Patent Counsel, New England Biolabs, Inc., 32 Tozer Road, Beverly, MA 01915 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/087302 (13) A2
- (21) PCT/US03/10306
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/372,351 12 Apr/avr 2002 US (12.04.2002)
- (30) 60/400,558 2 Aug/août 2002 US (02.08.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DUAL-LABELED NUCLEOTIDES
- NUCLEOTIDES A DOUBLE MARQUAGE
- (71) STRATAGENE [US/US]; 11011 North Torrey Pines Road, La Jolla, CA 92037 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSON, Jack, D. [US/US]; 327 Vista Algeria, Oceanside, CA 92057 (US). BRAMAN, Jeffrey, Carl [US/US]; 7875 Vista Higuera, Carlsbad, CA 92009 (US).
- (74) WILLIAMS, Kathleen, M.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/087303 (13) A2
- (21) PCT/US03/10439
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,043 4 Apr/avr 2002 US (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TISSUE COMPOSITES AND USES THEREOF
- COMPOSITES TISSULAIRES ET UTILISATIONS
- (71) W.R. GRACE & COMPANY [US/US]; 62 Whittemore Avenue, Cambridge, MA 02140-1692 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PANG, Roy, H., L. [US/US]; 15 Partridge Road, Etna, NH 03750 (US). WIERCINSKI, Robert, A. [US/US]; 29 Brooks Road, Lincoln, MA 01773 (US).
- (74) MANDRAGOURAS, Amy, E. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/087304 (13) A2
- (21) PCT/US03/10440
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/369,793 4 Apr/avr 2002 US (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TRI-SUBSTITUTED HETEROARYLS AND METHODS OF MAKING AND USING THE SAME
- HETERO-ARYLES TRI-SUBSTITUES ET PROCEDES DE FABRICATION
- (71) BIOGEN, INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Wen-Cherng [US/US]; 192 Spring Street, Lexington, MA 02421 (US). SUN, Li-hong [US/US]; 15 Mystic Terrace, Arlington, MA 02474 (US). SHAN, Feng [CN/US];

- 11 Baron Park Lane #26, Burlington, MA 01803 (US). **CHUAQUI, Claudio** [CA/US]; 30 Chandler Street, Apt. #1, Somerville, MA 02144 (US). **ZHENG, Zhongli** [US/US]; 640 Marrett Road, Lexington, MA 02421 (US). **PETTER, Russell, C.** [US/US]; 343 Hudson Road, Stow, MA 01775 (US).
- (74) **LINKKILA, Timothy, P.**; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087305** (13) A2
- (21) PCT/US03/10450
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,114 **4 Apr/avr 2002 (04.04.2002)** US
- (30) 10/174,677 **19 Jun/juin 2002 (19.06.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS AND COMPOSITIONS FOR ANCHORING STEM CELLS IN A MICROENVIRONMENT
- PROCEDES ET COMPOSITIONS POUR L'ANCRAGE DE CELLULES SOUCHES DANS UN MICRO-ENVIRONNEMENT
- (71) **STOWERS INSTITUTE FOR MEDICAL RESEARCH** [US/US]; 1000 E. 50th Street, Kansas City, MO 64110 (US).
- (72) **XIE, Ting**; 2952 W. 123rd Terrace, Leawood, KS 66209 (US).
- (74) **AMJAD, Holly, M. et al.** / etc.; Polsinelli Shalton & Welte, P.C., 700 W. 47th Street, Suite 1000, Kansas City, MO 64112-1802 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087306** (13) A2
- (21) PCT/US03/10462
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,387 **5 Apr/avr 2002 (05.04.2002)** US
- (30) 10/165,044 **6 Jun/juin 2002 (06.06.2002)** US
- (30) 60/435,480 **20 Dec/déc 2002 (20.12.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 98P4B6 USEFUL IN TREATMENT AND DETECTION OF CANCER
- ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE 98P4B6 UTILISES DANS LE TRAITEMENT ET LA DETECTION DU CANCER
- (71) **AGENYSYS, INC.** [US/US]; 1545 17th Street, Santa Monica, CA 90404 (US).
- (72) **CHALLITA-EID, Pia, M.**; 15745 Morrison Street, Encino, CA 91436 (US). **RAITANO, Arthur, B.**; 10807 Cushdon Avenue, Los Angeles, CA 90064 (US). **FARIS, Mary**; 2538 Almaden Court, Los Angeles, CA 90077 (US). **GE, Wangmao**; Apt. #314, 4838 Hollow Corner Road, Culver City, CA 90230 (US). **JAKOBOVITS, Aya**; 3135 Hutton Drive, Beverly Hills, CA 90210 (US).
- (74) **MURASHIGE, Kate, H. et al.** / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087307** (13) A2
- (21) PCT/US03/10507
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 60/371,620 **10 Apr/avr 2002 (10.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF INTERLEUKIN-19 TO TREAT CERVICAL CANCER
- UTILISATION DE L'INTERLEUKINE-19 POUR TRAITER LE CANCER DU COL DE L'UTERUS
- (71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) **CHANDRASEKHER, Yasmin, A.**; 5912 83rd Place SE, Mercer Island, WA 98040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087309** (13) A2
- (21) PCT/US03/10527
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/371,260 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (68) **JOHNSON, Jennifer, K.**; ZymoGenetics, Inc., 1201 Eastlake Avenue E, Seattle, WA 98102 (US).
- (74) **JOHNSON, Jennifer, K.**; ZymoGenetics, Inc., 1201 Eastlake Avenue E, Seattle, WA 98102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/087308** (13) A2
- (21) PCT/US03/10508
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 60/371,700 **11 Apr/avr 2002 (11.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • USE OF INTERLEUKIN-24 TO TREAT OVARIAN CANCER
- UTILISATION DE L'INTERLEUKINE-24 POUR TRAITER LE CANCER DE L'OVAIRE
- (71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) **CHANDRASEKHER, Yasmin, A.**; 5912 83rd Place SE, Mercer Island, WA 98040 (US). **MCKERNAN, Patricia, A.**; 18459 NE 196th Place, Woodinville, WA 98072 (US).
- (74) **JOHNSON, Jennifer, K.**; ZymoGenetics, Inc., 1201 Eastlake Avenue E, Seattle, WA 98102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) **WO 03/087309** (13) A2
- (21) PCT/US03/10527
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/371,260 **8 Apr/avr 2002 (08.04.2002)** US
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • BDNF POLYMORPHISMS AND ASSOCIATION WITH BIPOLAR DISORDER
- POLYMORPHISMES DE BDNF ET ASSOCIATION AVEC UN TROUBLE BIPOLAIRE

(71) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US). THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US). JOHNS HOPKINS UNIVERSITY [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SKLAR, Pamela [US/US]; 68 Fuller Street, Brookline, MA 02446 (US). LANDER, Eric, S. [US/US]; 74 R. Fayerweather Street, Cambridge, MA 02139 (US). MCINNIS, Melvin, G. [CA/US]; 2314 Wonderview Road, Timonium, MD 21093 (US). DEPAULO, J., Raymond, Jr. [US/US]; 7709 River Hill Road, Baltimore, MD 21204-6526 (US).

(74) TREANNIE, Lisa, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087310 (13) A2

(21) PCT/US03/10535

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,167 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIRECTED PROTEIN DOCKING ALGORITHM

- ALGORITHME D'ANCRAGE POUR PROTEINES DIRIGÉES

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 E. California Blvd., MS 201-85, Pasadena, CA 91125 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOVE, John, J. [US/US]; 5500 Morrow Way #76, La Mesa, CA 91942 (US). MAYO, Stephen, L. [US/US]; 530 S. Greenwood Avenue, Pasadena, CA 91107 (US).

(74) YU, Lu et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087311 (13) A2

(21) PCT/US03/10536

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370.557 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PrLZ REGULATORY ELEMENTS IN THE TREATMENT OF DISEASE AND THE DISCOVERY OF THERAPEUTICS

- ELEMENTS REGULATEURS DE PRLZ DANS LE TRAITEMENT DE MALADIES ET DECOUVERTE D'AGENTS THERAPEUTIQUES

(71) EMORY UNIVERSITY [US/US]; 401 Administration Building, Atlanta, GA 30322 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Ruoxing [CA/CA]; 3615 Kentford Lane, Norcross, GA 30092 (US). CHUNG, Leland, W., K. [US/US]; 1136 Clifton Road, Atlanta, GA 30307 (US).

(74) MEIKLEJOHN, Anita, L.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12N

(11) WO 03/087312 (13) A2

(21) PCT/US03/10539

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,873 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INHIBITION OF TUMOR GROWTH VIA PEROXIREDOXIN 3

- INHIBITION DE LA CROISSANCE TUMORALE AU MOYEN DE PEROXIREDOXINE 3

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANG, Chi, V. [US/US]; 217 Upnor Road, Baltimore, MD 21212 (US). WONSEY, Diane [US/US]; 5904A Cross Country Boulevard, Baltimore, MD 21215 (US).

(74) KAGAN, Sarah, A.; Banner & Witcoff, Ltd., 1001 G. Street, N.W., Eleventh Floor, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087313 (13) A2

(21) PCT/US03/10544

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,796 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENHANCED SILK EXSERTION UNDER STRESS

- PROCEDES D'AMELIORATION DE L'EXSERTION DE LA SOIE DE MAIS LORSQU'ELLE EST SUJETTE A DES AGRESSIONS

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, ID 50309 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZINSELMEIER, Christopher** [US/US]; 8385 N.W. Chevalia Drive, Grimes, IA 50111 (US). **HELENTJARIS, Timothy, G.** [US/US]; 2960 NW 73rd Lane, Ankeny, IA 50021 (US).

(74) **VARLEY, Karen K.** et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087314** (13) A2

(21) PCT/US03/10554

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/370,599 **5 Apr/avr 2002 (05.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR ISOLATING AND MEASURING PROLIFERATION OF LONG-TERM LABEL RETAINING CELLS AND STEM CELLS

• PROCEDE PERMETTANT D'ISOLER ET DE MESURER LA PROLIFERATION DE CELLULES RETENANT DES MARQUEURS A LONG TERME ET DE CELLULES SOUCHES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLERSTEIN, Marc, K.** [US/US]; 4 Anson Way, Kensington, CA 94708 (US). **KIM, Sylvia Jeewon** [US/US]; 555 East Washington Avenue, Apt.#603, Sunnyvale, CA 94086 (US).

(74) **WARD, Michael, R.** et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087315** (13) A2

(21) PCT/US03/10603

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 60/370,835 **8 Apr/avr 2002 (08.04.2002)** US

(30) 60/449,893 **25 Feb/fév 2003 (25.02.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRE-AND POST THERAPY GENE EXPRESSION PROFILING TO IDENTIFY DRUG TARGETS

• PROFILAGE D'EXPRESSION GENIQUE PRETHERAPIE ET POSTTHERAPIE EN VUE D'IDENTIFIER LES CIBLES MEDICAMENTS

(71) **ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.** [US/US]; 332 North Lauderdale, Memphis, TN 38105-2794 (US).

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(72, 75) **EVANS, William, Edward** [US/US]; 2450 Eagle Ridge Lane, West, Cordova, TN 38018 (US). **RELLING, Mary, V.** [US/US]; 2450 Eagleridge Lane, Cordova, TN 38016 (US).

(74) **COULTER, Kathryn, L.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087316** (13) A2

(21) PCT/US03/10622

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/371,019 **9 Apr/avr 2002 (09.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL DERIVATIVES OF CARNOSIC ACID

• NOUVEAUX DERIVES D'ACIDE CARNOSIQUE

(71) **KEMIN INDUSTRIES, INC.** [US/US]; Krisit Krafka, 2100 Maury Street, Des Moines, IA 50301 (US).

(72) **JOHNSON, Holly**; 5017 Wistful Drive, West Des Moines, IA 50265 (US).

ROSAZZA, John; 453 Linder Road, Iowa City, IA 52240 (US). **HOSNY, Mohammed**; 67 Moeiz Al-Dawalla St., Markum Abid-Nacer City, Cairo (EG).

(74) **HERINK, Kent**; Davis, Brown, Koehn, Shors & Roberts, P.C., The Financial Center, 666 Walnut Street, Suite 2500, Des Moines, IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087317** (13) A2

(21) PCT/US03/10658

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/370,358 **5 Apr/avr 2002 (05.04.2002)** US

(30) 60/404,966 **20 Aug/août 2002 (20.08.2002)** US

(30) 60/456,637 **20 Mar/mar 2003 (20.03.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR TARGETING QUADRUPLEX DNA

• PROCEDES DE CIBLAGE D'ADN QUADRUPLEX

(71) **CYTERNEX, INC.** [US/US]; 11045 Roselle Street, Suite C, San Diego, CA 92121 (US). **THE ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA** [US/US]; 888 N. Euclid Avenue, Room 204, P.O. Box 210158, Tucson, AZ 85721-0158 (US).

(72) **SIDDIQUI-JAIN, Adam**; 2334 Hillery Drive #13206, San Diego, CA 92126 (US). **GRAND, Cory, L.**; 725 South Tucson Boulevard, Apt. 6220, Tucson, AZ 87156 (US). **BEARSS, David, J.**; 2816 Wind River Court, Modesto, CA 95356 (US). **HURLEY, Laurence, H.**; 5000 E. Glencagles Drive, Tucson, AZ 85718 (US). **FARRELL, Thomas, J.**; 280 Torrey Pines Terrace, Del Mar, CA 92014-3334 (US).

(74) **GRANT, Bruce, D.** et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C12N

(11) WO 03/087318 (13) A2

(21) PCT/US03/10719

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,212 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRUNCATED 24 KDA BASIC FIBROBLAST GROWTH FACTOR

• FACTEUR DE CROISSANCE DES FIBROBLASTES BASIQUE 24KDA TRONQUE

(71, 72) LEVIN, Eugene [US/US]; 3833 Camino Litoral, #226, San Diego, CA 92107 (US).

(74) FOSTER, Thomas et al. / etc.; David R Preston & Associates, 12625 High Bluff Drive, Suite 205, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087319 (13) A2

(21) PCT/US03/10722

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/118,471 5 Apr/avr 2002 US
(05.04.2002)(30) 10/138,176 1 May/mai 2002 US
(01.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CARCINOEMBRYONIC ANTIGEN CELL ADHESION MOLECULE 1 (CEACAM1) STRUCTURE AND USES THEREOF IN DRUG IDENTIFICATION AND SCREENING

• STRUCTURE DE MOLECULES 1 D'ADHESION AUX CELLULES D'ANTIGENE CARCINO-EMBRYONAIRES ET SON UTILISATION DANS L'IDENTIFICATION ET LE CRIBLAGE DE MEDICAMENTS

(71) THE REGENTS OF THE UNIVERSITY OF COLORADO [US/US]; 201 Regent Administrative Center, 3 SYS, Boulder, CO 80309 (US). DANA-FARBER CANCER INSTITUTE [US/US]; 44 Binney Street, Boston, MA 02115 (US).

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(72, 75) HOLMES, Kathryn, V. [US/US]; 23371 Morning Rose Road, Golden, CO 80401 (US). ZELUS, Bruce, D. [US/US]; 14433 South Ward Street, Lakewood, CO 80228 (US). TAN, Kemin [CN/US]; 108 Greer Street, Waltham, MA 02452 (US). WANG, Jai-Huai [US/US]; 81 Alexander Avenue, Belmont, MA 02478 (US). MEIJERS, Rob [US/US]; 11 Mossland Street, Somerville, MA 02144 (US).

(74) DALLAS, Angela, K. et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087320 (13) A2

(21) PCT/US03/10736

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,038 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTAGONISTS OF IL-21 AND MODULATION OF IL-21-MEDIATED T CELL RESPONSES

• ANTAGONISTES DE IL-21 ET MODULATION DES REPONSES DES LYMPHOCYTES T INDUITES PAR IL-21

(71) BETH ISRAEL DEACONESS MEDICAL CENTER, INC. [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOLL, Thomas [US/US]; 61 Moulton Street, Cambridge, MA 02138 (US). STROM, Terry, B. [US/US]; 22 Kennard Road, Brookline, MA 02146 (US). ZHENG, Xin, Xiao [CN/US]; 59 Alton Place, Unit 6, Brookline, MA 02446 (US).

(74) CREWS, Lee; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087321 (13) A2

(21) PCT/US03/10754

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,136 9 Apr/avr 2002 US
(09.04.2002)(30) Not furnished / 8 Apr/avr 2003 US
non communiqué (08.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLANT ACYL-COA SYNTHETASES

• ACYL-COA SYNTHETASES DE PLANTES

(71) WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1610 NE Eastgate Boulevard, Pullman, WA 99163 (US).

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(72, 75) SHOCKEY, Jay, M. [US/US]; 207 SW Center Street, Pullman, WA 99163 (US). SCHNURR, Judy [US/US]; 1445 NE N. Fairway Drive, A2, Pullman, WA 99163 (US). BROWSE, John, A. [US/US]; 41 McKenzie Road, Pullman, WA 99163 (US).

(74) CARROL, Peter, G. et al. / etc.; Medlen & Carroll, LLP, Suite 350, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087322 (13) A2

(21) PCT/US03/10797

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,581 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUSES AND METHODS FOR THE PRODUCTION OF HAEMATOPHAGOUS ORGANISMS AND PARASITES SUITABLE FOR VACCINE PRODUCTION

• APPAREILS ET PROCÉDES DE PRODUCTION D'ORGANISMES HEMATOPHAGES ET PARASITES DESTINES A LA PRODUCTION DE VACCINS

(71, 72) HOFFMAN, Stephen, L. [US/US]; 308 Argosy Drive, Gaithersburg, MD 20878 (US). LUKE, Thomas, C. [US/US]; 4101 Brookeville Road, Brookeville, MD 20833 (US).

(74) **GOLDBERG, Jules, E. et al. / etc.;** Reed Smith LLP, 599 Lexington Avenue, New York, NY 10022-7650 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087323** (13) A2

(21) PCT/US03/10850

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en	(26) en	
(30) 60/370,882	8 Apr/avr 2002 (08.04.2002)	US
(30) 60/394,315	8 Jul/juil 2002 (08.07.2002)	US
(30) 60/428,296	22 Nov/nov 2002 (22.11.2002)	US
(30) 10/378,044	28 Feb/fév 2003 (28.02.2003)	US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BIOLOGIC MODULATIONS WITH NANOPARTICLES
• MODULATIONS BIOLOGIQUES AVEC DES NANOPARTICULES

(71) **GENESEQUEST, INC.** [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US).
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(72, 75) **UNGER, Gretchen, M.** [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US).

(74) **HERBERT, Curtis, B. et al. / etc.;** Patterson, Thuente, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087324** (13) A2

(21) PCT/US03/10865

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en
(30) 60/371,501 **9 Apr/avr 2002 (09.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIBODY GENE TRANSFER AND RECOMBINANT AAV THEREFOR
• TRANSFERT DE GENE D'ANTICORPS ET VIRUS RECOMBINANTS ADENO-ASSOCIES UTILISES A CET EFFET

(71) **CHILDREN'S HOSPITAL, INC.** [US/US]; 700 Children's Drive, Columbus, OH 43205 (US).

(72) **CLARK, Kelly, Reed;** 261 Wedgewood Court, Westerville, OH 43082 (US). **JOHNSON, Philip, R., Jr.;** 7874 Jonell Square, New Albany, OH 43054 (US).

(74) **NOLAND, Greta E.;** Marshall, Gerstein & Borun, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087325** (13) A2

(21) PCT/US03/10911

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en	(26) en	
(30) 60/370,649	8 Apr/avr 2002 (08.04.2002)	US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING MICROBIAL INFECTIONS
• METHODES ET COMPOSITIONS DE PREVENTION ET DE TRAITEMENT D'INFECTIONS MICROBIENNES

(71) **THE BRIGHAM AND WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) **SHAPIRO, Steven, D.;** The Brigham and Women's Hospital, Inc., 75 Francis Street, Boston, MA 02115 (US). **HARTZELL, William, O.;** 4 Appleseed Drive, Westborough, MA 01581 (US).

(74) **VAN AMSTERDAM, John;** Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AU CA JP

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N

(11) **WO 03/087326** (13) A2

(21) PCT/US03/10954

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en	(26) en	
(30) 60/371,115	10 Apr/avr 2002 (10.04.2002)	US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATED PROTEIN CRYSTALLIZATION IMAGING
• IMAGERIE DE CRISTALLISATION DE PROTEINES AUTOMATISEE

(71) **THE TITAN CORPORATION** [US/US]; 3033 Science Park Road, San Diego, CA 92121 (US).
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(72, 75) **RILING, Dave** [US/US]; 1040 St. Georges Way, Franklin, TN 37064 (US). **GREENWAY, Bryan** [US/US]; 428 Galloway Drive, Franklin, TN 37064 (US).

(74) **DELUCA, Vincent, M. et al. / etc.;** Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/087327** (13) A2

(21) PCT/US03/10989

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en	(26) en	
(30) 60/372,236	11 Apr/avr 2002 (11.04.2002)	US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESERVATION OF BIOACTIVE MATERIALS BY FREEZE DRIED FOAM
• CONSERVATION DE MATIERES BIO-ACTIVES AU MOYEN DE MOUSSE LYOPHILISEE

(71) **MEDIMMUNE VACCINES, INC.** [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VU, Truong-Le** [US/US]; 2741 Dresser Court, Campbell, CA 95008 (US).

(74) **QUINE, Jonathan, Alan et al. / etc.;** Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087328 (13) A2

(21) PCT/US03/11003

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,947 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF GENERATING NON-NATURALLY OCCURRING PROTEIN MODELS

• PROCEDE DE GENERATION DE MO-DELES DE PROTEINES EXISTANTS NON-NATURELLEMENT

(71, 72) WINGREEN, Ned, S. [US/US]; 150 Patton Avenue, Princeton, NJ 08540 (US). TANG, Chao [US/US]; 4 Danny's Way, West Windsor, NJ 08550 (US). EMBERLY, Eldon [US/US]; 5014 Quail Ridge Drive, Plainsboro, NJ 08536 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087329 (13) A2

(21) PCT/US03/11142

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,759 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TARGETED CYTOTOXIC VIRI-ONIDS FOR ANTIANGIOGENESIS

• VIRIONOIDES CYTOTOXIC INHIBI-TEURS D'ANGIONENESE

(71) UNIVERSITY OF SOUTHERN CALI-FORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) HALL, Frederick, L.; c/o University of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344

(US). GORDON, Erlinda, M.; c/o Uni-versity of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(74) THOMSON, William, E. et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, 500 South Grand Avenue, Suite 1900, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087330 (13) A2

(21) PCT/US03/11183

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,840 10 Apr/avr 2002 US (10.04.2002)

(30) 60/402,824 9 Aug/août 2002 US (09.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VAC-BAC SHUTTLE VECTOR SYS-TEM

• SYSTEME DE VECTEUR NAVETTE VAC-BAC

(71) GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institute of Health, Of-fice of Technology Transfer, 6011 Executive Blvd., Suite 325, Rockville, MD 20852-3804 (US).

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(72, 75) MOSS, Bernard [US/US]; 10301 Dick-ens Avenue, Bethesda, MD 20814 (US). DOMI, Arban [AL/US]; 409 Blandford Street #4, Rockville, MD 20850 (US).

(74) DELANEY, Karoline, A.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 03/087331 (13) A2

(21) PCT/US03/11188

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/121,441 11 Apr/avr 2002 US (11.04.2002)

(30) 10/125,778 18 Apr/avr 2002 US (18.04.2002)

(30) 10/125,772 18 Apr/avr 2002 US (18.04.2002)

(30) 10/125,792 18 Apr/avr 2002 US (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYVALENT CATION-SENSING RE-CEPTOR IN ATLANTIC SALMON

• RECEPTEUR DETECTANT LES CA-TIONS POLYVALENTS DANS DU SAUMON ATLANTIQUE

(63) US 10125,778 (CIP)
US 18 Apr/avr 2002 (18.04.2002)
US 10125,772 (CIP)
US 18 Apr/avr 2002 (18.04.2002)
US 10125,792 (CIP)
US 18 Apr/avr 2002 (18.04.2002)
US 10121,441 (CIP)
US 11 Apr/avr 2002 (11.04.2002)
US 60240,392 (CIP)
US 12 Oct/oct 2000 (12.10.2000)
US 60240,003 (CIP)
US 12 Oct/oct 2000 (12.10.2000)

(71) MARICAL, INC. [US/US]; 400 Commer-cial Street, Portland, ME 04101 (US).
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(72, 75) HARRIS, JR., H. William [US/US]; Unit 108 Chandler Wharf, Portland, Maine 04102 (US). NEARING, Jacqueline [US/US]; 346 Mill Road, North Yarmouth, ME 04097 (US). BETKA, Marlies [DE/US]; 113 Glenwood Avenue, Portland, ME 04103 (US).

(74) BROOK, David, E.; Hamilton, Brook, Smith & Reynold, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087332 (13) A2

(21) PCT/US03/11189

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,745 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL POLYNUCLEOTIDES ENCODING THE HUMAN CITRON KINASE POLYPEPTIDE, BMSNKC 0020/0021

- NOUVEAUX POLYNUCLEOTIDES CODANT LE POLYPEPTIDE KINASE CITRON HUMAIN, BMSNKC 0020/0021

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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(72, 75) DAVISON, Daniel, B. [US/US]; 1060 Randolph Drive, Yardley, PA 19067 (US). FEDER, John, N. [US/US]; 277 Dutch-town Zion Road, Belle Mead, NJ 08502 (US). LEE, Liana, M. [US/US]; 5 Susan Drive, Somerset, NJ 08873 (US). OTT, Karl-Heinze [DE/US]; 313 Glenn Avenue, Mercer, NJ 08648 (US).

(74) D'AMICO, Stephen, C. et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087333 (13) A2

(21) PCT/US03/11190

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,348 12 Apr/avr 2002 US
(12.04.2002)(30) 60/384,251 30 May/mai 2002 US
(30.05.2002)(30) 60/437,350 31 Dec/déc 2002 US
(31.12.2002)(30) 60/437,348 31 Dec/déc 2002 US
(31.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODULATION OF STEM AND PROGENITOR CELL DIFFERENTIATION, ASSAYS, AND USES THEREOF

- MODULATION DE DIFFERENCIATION DE CELLULE SOUCHE ET DE

CELLULE PROGENITRICE, ANALYSES ET UTILISATIONS ASSOCIEES

(71) CELGENE CORPORATION [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARIRI, Robert, J. [US/US]; 5 Heritage Road, Florham Park, NJ 07932 (US). STIRLING, David, I. [GB/US]; 3281 Round Hill Road, Branchburg, NJ 08876 (US). CHAN, Kyle, W., H. [US/US]; 3922 Montefrio Court, San Diego, CA 92130 (US). MOUTOUH-DE PARSEVAL, Laure, A. [FR/US]; 9608 Caminito Del Feliz, San Diego, CA 92121 (US).

(74) INSOGNA, Anthony, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087334 (13) A2

(21) PCT/US03/11191

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,044 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USE OF AAV INTEGRATION EFFICIENCY ELEMENT FOR MEDIATING SITE-SPECIFIC INTEGRATION OF A TRANSCRIPTION UNIT

- UTILISATION D'ELEMENT D'EFFICACITE D'INTEGRATION DE VIRUS ADENO-ASSOCIE (AAV) PERMETTANT D'ASSURER LA MEDIATION D'UNE INTEGRATION SPECIFIQUE DE SITE D'UNE UNITE DE TRANSCRIPTION

(71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; Cornell Business & Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).

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(72, 75) FALCK-PEDERSEN, Eric, S. [US/US]; 8714 Buena Vista Drive, Dobbs Ferry, NY 10522 (US). PHILPOTT, Nicola [GB/US]; 506 East 48th Street, Apt. 2W, New York, NY 10028 (US).

(74) KILYK, John, Jr. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087335 (13) A2

(21) PCT/US03/11195

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,192 11 Apr/avr 2002 US
(11.04.2002)(30) 60/447,683 14 Feb/fév 2003 US
(14.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESERVATION OF BIOACTIVE MATERIALS BY SPRAY DRYING

- CONSERVATION DE MATIERES BIOACTIVES PAR SECHAGE PAR PULVERISATION

(71) MEDIMMUNE VACCINES, INC. [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRUONG-LE, Vu [US/US]; 2741 Dresser Court, Campbell, CA 95008 (US). PHAM, Binh [US/US]; 1507 Lilac Lane, Mountain View, CA 94043 (US).

(74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087336 (13) A2

(21) PCT/US03/11240

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,682 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ESTROGEN RECEPTOR ALPHA REGULATED GENE EXPRESSION, RELATED ASSAYS AND THERAPEUTICS

- EXPRESSION GENETIQUE A REGULATION ALPHA DU RECEPTEUR D'OESTROGENE, DOSAGES ET THE-RAPEUTIQUE ASSOCIES

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JELINSKY, Scott, Alan [US/US]; 58 Blossom Street, Waltham, MA 02451 (US). HARRIS, Heather, Anne [US/US]; 210 Pine Drive, Phoenixville, PA 19460 (US). BROWN, Eugene, Lee [US/US]; 1388 Walnut Street, Newton Highlands, MA 02461-1849 (US). EVANS, Mark, James [US/US]; 617 Twin Bridge Drive, Radnor, PA 19087 (US).

(74) MAKARY, Meghan, M. et al. / etc.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087337 (13) A2

(21) PCT/US03/11371

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/371,677 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VASCULARIZED HUMAN SKIN EQUIVALENT

- EQUIVALENT DE PEAU HUMAINE VASCULARISEE

(71) YALE UNIVERSITY [US/US]; Two Whitney Avenue, New Haven, CT 06511 (US).

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(72, 75) BOTHWELL, Alfred, L. M. [US/US]; 188 Janeway Drive, Guilford, CT 06437 (US). POBER, Jordan, S. [US/US]; 51 Greenbrier Drive, Guilford, CT 06432 (US). SCHECHNER, Jeffrey, S. [US/US]; 22 Trolley Road, Guilford, CT 06437 (US).

(74) ZISKA, Suzanne, E. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, D.C. 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087338 (13) A2

(21) PCT/US03/11392

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,912 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HER-2 RECEPTOR TYROSINE KINASE MOLECULES AND USES THEREOF

- MOLECULES DE TYROSINE KINASE DU RECEPTEUR HER-2 ET UTILISATIONS ASSOCIEES

(63) US 60/371,912 (CON) 11 Apr/avr 2002 (11.04.2002)

(71) AMGEN, INC. [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TATAREWICZ, Suzanna [US/US]; 281 Brook Road, Newbury Park, CA 91320 (US). JING, Shuqian [US/US]; 3254 Boldero Lane, Thousand Oaks, CA 91362 (US).

(74) ZUHN, Donald, L.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087339 (13) A2

(21) PCT/US03/11447

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,242 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPRAY FREEZE DRY OF COMPOSITIONS FOR PULMONARY ADMINISTRATION

- LYOPHILISATION PAR PULVERISATION DE COMPOSITIONS A ADMINISTRATION PULMONAIRE

(71) MEDIMMUNE VACCINES, INC. [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRUONG-LE, Vu [US/US]; 2741 Dresser Court, Campbell, CA 95008 (US). PHAM, Binh, V. [US/US]; 1507 Lilac Lane, Mountain View, CA 94043 (US). CARPENTER, John, F. [US/US]; 12478 West Bowles Drive, Littleton, CO 80127 (US).

(74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/087340 (13) A2

(21) PCT/US03/11621

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,277 12 Apr/avr 2002 US (12.04.2002)

(30) 60/373,274 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIBODIES THAT BIND TO INTEGRIN ALPHA-V-BETA-6 AND METHODS OF USE THEREOF

- ANTICORPS SE LIANT A L'INTEGRINE ALPHA-V-BETA-6 ET LEURS METHODES D'UTILISATION

(71) RAVEN BIOTECHNOLOGIES, INC. [US/US]; Britannia Oyster Point, 1140 Veterans Boulevard, South San Francisco, CA 94080 (US).

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(72, 75) LI, Rong-Hao [CN/US]; 420 Richmond Drive, Apt#2, Millbrae, CA 94030 (US). PAN, Zhuangyu [CN/US]; 420 Richmond Drive, Apt. #2, Millbrae, CA 94030 (US). MATHER, Jennie, P. [US/US]; 269 La Prenda Drive, Millbrae, CA 94030 (US).

(74) ZHOU, Jie et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C12N

(11) WO 03/087341 (13) A2

(21) PCT/US03/02012

(22) 22 Jan/jan 2003 (22.01.2003)

(25) en (26) en

(30) 60/351,035 23 Jan/jan 2002 US
(23.01.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TARGETED CHROMOSOMAL MUTAGENESIS USING ZINC FINGER NUCLEASES

• MUTAGENESE CHROMOSOMIQUE CIBLEE AU MOYEN DE NUCLEASES EN DOIGT A ZINC

(63) US 60/351,035 (CIP)
23 Jan/jan 2002 (23.01.2002)

(71) THE UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapen Drive, Suite 110, Salt Lake City, UT 84108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARROLL, Dana [US/US]; 234 M Street, Salt Lake City, Utah 84103 (US). BIBIKOVA, Marina [RU/US]; 12610 Torrey Bluff Drive, Apt. 380, San Diego, CA 92130 (US). DREWS, Gary, N. [US/US]; 62 North Pioneer Fork Road, Salt Lake City, UT 84108 (US). GOLIC, Kent, Gregory [US/US]; 2236 E. Logan Ave., Salt Lake City, UT 84108 (US). GOLIC, Mary, M [US/US]; 2236 E. Logan Ave., Salt Lake City, UT 84108 (US).

(74) MCCALLUM, Jennifer, M.; The McCallum Law Firm, LLC, 132 Kolar Court, Erie, CO 80516 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 03/087342 (13) A2

(21) PCT/US03/09919

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/118,413 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDUCING NON-SPECIFIC BINDING IN IMMUNOASSAYS PERFORMED ON POLYMERIC SOLID PHASES

• REDUCTION DE LIAISON NON SPECIFIQUE DANS DES IMMUNOESSAIS REALISES SUR DES PHASES SOLIDES POLYMERES

(71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) WATKINS, Michael, I.; 4219 Rolling Hills Lane, Vacaville, CA 95688 (US). BINDER, Steven, R.; 2506 Hawthorne Terrace, Berkeley, CA 94708 (US). RASKIN, Aleksander; 437 Dela Vina, Monterey, CA 93940 (US).

(74) HEINES, M., Henry et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C12N 1/19, 5/10, 15/12, C07K 14/78

(11) WO 03/087343 (13) A1

(21) PCT/US03/11252

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,099 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRODUCTION OF STABLE COLLAGENS

• PRODUCTION DE COLLAGENES STABLES

(63) US 60/372,099 (CIP)
11 Apr/avr 2002 (11.04.2002)

(71) FIBROGEN, INC. [US/US]; 225 Gateway Boulevard, South San Francisco, CA 94080 (US).

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(72, 75) KIVIRIKKO, Kari, I. [FI/FI]; Parkkisenranta 5, FIN-90650 Oulu (FI). MYLLYHARJU, Johanna [FI/FI]; Pelto-lankaari 12 B 15, FIN-90230 Oulu (FI).

(74) PRICE, Leanne, C. et al. / etc.; Intellectual Property Department, FIBROGEN, Inc., 225 Gateway Boulevard, South San Francisco, CA 94080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 1/20

(11) WO 03/087344 (13) A1

(21) PCT/KR03/00742

(22) 12 Apr/avr 2003 (12.04.2003)

(25) ko (26) en

(30) 10-2002-0020057 12 Apr/avr 2002 KR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEW STRAINS CAPABLE OF PRODUCING CONJUGATED LINOLEIC ACID, CAPSULATED COMPOSITION COMPRISING THEM, AND THE PREPARATION METHODS THEREOF

• NOUVELLE SOUCHES CAPABLES DE PRODUIRE UN ACIDE LINOLEIQUE CONJUGUE, COMPOSITION ENCAPSULEE COMPRENANT CET ACIDE ET PROCEDES DE FABRICATION CORRESPONDANT

(71) CHEBIGEN INC. [KR/KR]; 3th Floor, Cheyongin Building, 746-9, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).

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(72, 75) KIM, So-Mi [KR/KR]; 102-501, LG Apt., 603, Keumkok-dong, Namyangju-city, 472-707 Kyunggi-do (KR). OH, Deok-Kun [KR/KR]; 301-103, Jookong Apt., Bye-olyang-dong, Kwachun-city, 427-708 Kyunggi-do (KR). BAEK, Dae-Heoun [KR/KR]; 3-203, Townhouse, Dorhyong-dong, Yuseong-gu, 305-340 Daejeon (KR). SIN, Hong-Sig [KR/KR]; 103-1602, Woobang Apt., 1715, Sinlim-dong, Kwanack-gu, 151-010 Seoul (KR). PARK, Si-Ho [KR/KR]; 115-1202, Songchun-Jookong Apt., 1268, Songchundong 2ga, Duckjin-gu, 561-761 Jeonju (KR). LEE, Yu-Jin [KR/KR]; 206-1503, LG Village, Mangpo-dong, Paldal-gu, Suwon-city, 442-706 Kyunggi-do (KR). UM, Soo-Jong [KR/KR]; 108-102, Seon Apt., Parktown, Soonae-dong, Boondang-gu, Seongnam-city, 463-730 Kyunggi-do (KR). RHO, Young-Soy [KR/KR]; 3-1008, Dongsin Apt., Hosung-dong 1ga, Duckjin-gu, 561-784 Jeonju (KR). PARK, Jong-Sup [KR/KR]; 1-2202, Woosung Apt., 467-24, Dokok-dong, Kangnam-gu, 135-270 Seoul (KR). KIM, Dong-Myong [KR/KR]; 1330-1207, Mokdong-Sinsigaji Apt., Sinjeong-6dong, Yangchun-gu, 158-773 Seoul (KR).

(74) **DARAE LAW & PATENT FIRM**; 18th Floor, Kangnam Building, 1321-1, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00

(11) **WO 03/087345** (13) A2

(21) PCT/GB03/01498

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 0207829.3 **4 Apr/avr 2002 (04.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STIMULATION OF NERVE CELL REGENERATION

• STIMULATION DE LA RÉGÉNÉRATION DE CELLULES NERVEUSES

(71) **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7SG (GB).

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(72, 75) **TAYLOR, Jeremy, Simon, Hudson** [GB/GB]; Department Of Human Anatomy & Genetics, University Of Oxford, South Parks Road, Oxford OX1 3QX (GB). **BAMPTON, Edward, Thomas, William** [GB/GB]; Department Of Biochemistry, University Of Cambridge, Tennis Court Road, Cambridge CB2 1QW (GB).

(74) **GOODFELLOW, Hugh, Robin et al.** / etc.; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00

(11) **WO 03/087346** (13) A1

(21) PCT/NZ03/00059

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 518163 **5 Apr/avr 2002 (05.04.2002)** NZ

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EMBRYO MODIFICATION AND IMPLANTATION

• MODIFICATION ET IMPLANTATION D'EMBRYON

(71) **KIWI INGENUITY LIMITED** [NZ/NZ]; 47 Gosford Drive, Howick, Auckland (NZ). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLAKE, Deborah, Adella** [NZ/NZ]; 38 Ara Kotinga Road, Manurewa Road, Auckland (NZ). **CARTER, Nicola, Lewell** [NZ/NZ]; 34 Glendowie Road, Glendowie, Auckland (NZ). **HENRY, Stephen, Michael** [NZ/NZ]; 47 Gosford Drive, Howick, Auckland (NZ).

(74) **BALDWIN SHELSTON WATERS**; 342 Lambton Quay, PO Box 582, 6004 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00, 5/02, G01N 33/53, A61K 45/00, 47/00, A01N 63/00, 65/00

(11) **WO 03/087347** (13) A1

(21) PCT/US02/11319

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIGEN-PRESENTING CELL POPULATIONS AND THEIR USE AS REAGENTS FOR ENHANCING OR REDUCING IMMUNE TOLERANCE

• POPULATIONS DE CELLULES PRÉSENTATRICES DE L'ANTIGÈNE ET LEUR UTILISATION COMME REACTIFS POUR RENFORCER OU DIMINUER LA TOLÉRANCE IMMUNITAIRE

(71) **MEDICAL COLLEGE OF GEORGIA RESEARCH INSTITUTE, INC.** [US/US]; 1120 15th Street, Augusta, GA 30912-4810 (US).

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(72, 75) **MELLOR, Andrew** [GB/US]; 480 Falcon Drive, Martinez, GA 30907 (US). **MUNN, David** [US/US]; 967 Meigs Street, Augusta, GA 30904 (US).

(74) **CALKINS, Charles et al.** / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00, 5/02

(11) **WO 03/087348** (13) A1

(21) PCT/US03/10735

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,848 **8 Apr/avr 2002 (08.04.2002)** US

(30) 60/435,138 **20 Dec/déc 2002 (20.12.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PACKAGING CELL LINE FOR DIPHTHERIA TOXIN EXPRESSING NON-REPLICATING ADENOVIRUS

• LIGNEE D'ENCAPSIDATION POUR ADENOVIRUS NON REPLICANTS EXPRIMANT LA TOXINE DE LA DIPHTÉRIE

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; School of Medicine, 2024 East Monument Street, Suite 2-100, Baltimore, MD 21205 (US).

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(72, 75) **RODRIGUEZ, Ronald** [US/US]; 3302 Sang Road, Glenwood, MD 21738 (US). **CHOWDHURY, Wasim, Haider** [BD/US]; 1258 Stevens Avenue, 2nd Flr., Baltimore, MD 21227 (US).

(74) **ROSENFELD, Jennifer, K. et al.** / etc.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 5/02, 5/06, 15/09, C12Q 1/02, A61K 35/39, A61P 3/10

(11) **WO 03/087349** (13) A1

(21) PCT/JP03/04812

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) ja (26) ja

(30) 2002/115201 **17 Apr/avr 2002 (17.04.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF FORMING PANCREATIC β CELLS FROM MESENCHYMAL CELLS

• METHODE DE FORMATION DE CELLULES PANCREATIQUES \$G(B)\$ A PARTIR DE CELLULES MESENCHYMALES

(71) OTSUKA PHARMACEUTICAL CO., LTD. [JP/JP]; 9, Kandatsukasa-cho 2-chome, Chiyoda-ku, Tokyo 101-8535 (JP).

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(72, 75) UMEZAWA, Akihiro [JP/JP]; 316, Kogane, Matsudo-shi, Chiba 270-0014 (JP). IZAWA, Yoshikane [JP/JP]; 2-1-3, Hibari-gaokakita, Nishitokyo-shi, Tokyo 202-0002 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AU CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N 5/08

(11) WO 03/087350 (13) A1

(21) PCT/JP03/04900

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-115282 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROL OF CELL DIFFERENTIATION THROUGH FORMATION OF THREE-DIMENSIONAL AGGREGATE

• REGULATION DE LA DIFFERENTIATION CELLULAIRE PAR FORMATION D'AGREGAT TRIDIMENSIONNEL

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

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(72, 75) SAKAI, Katsuko [JP/JP]; c/o Department of Mechanical Engineering, Graduate School of Engineering, University of Tokyo, 7-3-1, Hongo, Bunkyo-ku, Tokyo 113-8656 (JP). USHIDA, Takashi [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8562 (JP). SAKAI, Yasuyuki [JP/JP]; c/o Institute of Industrial Science, University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153-8904 (JP). TATEISHI, Tetsuya [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8562 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 7/00, 15/01, 15/36, 15/51, C12Q 1/70

(11) WO 03/087351 (13) A1

(21) PCT/AU03/00432

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) PS 1710 12 Apr/avr 2002 AU (12.04.2002)

(30) PS 3224 26 Jun/juin 2002 AU (26.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HEPATITIS B VIRAL VARIANTS WITH REDUCED SUSCEPTIBILITY TO NUCLEOSIDE ANALOGS AND USES THEREOF

• VARIANTS VIRAUX DE L'HEPATITE B PRESENTANT UNE SENSIBILITE REDUITE AUX ANALOGUES DE NUCLEOSIDE ET UTILISATIONS DESDITS VARIANTS

(71) MELBOURNE HEALTH [AU/AU]; 10th Floor, Connibere Building, Royal Melbourne Hospital, Flemington Road, Parkville, VIC 3050 (AU). AUSTIN & REPATRIATION MEDICAL CENTRE [AU/AU]; Studley Road, Heidelberg, VIC 3081 (AU). SOUTHERN HEALTH [AU/AU]; Monash Medical Centre, 246 Clayton Road, Clayton, VIC 3168 (AU).

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(72, 75) BARTHOLOMEUSZ, Angeline, Ingrid [AU/AU]; 64 Miller Street, Carnegie, VIC 3613 (AU). LOCARNINI, Stephen, Alister [AU/AU]; 13 Carlisle Avenue, East St Kilda, VIC 3182 (AU). AYRES, Anna [AU/AU]; 4 Ferry Crescent, West Brunswick, VIC 3056 (AU). COLLEDGE, Danielle [AU/AU]; 12 Buttercup Road, Bundoora, VIC 3083 (AU). SASADEUSZ, Joseph [AU/AU]; c/- Melbourne Health, 10th Floor, Connibere Street, Royal Melbourne Hospital, Flemington Road, Parkville, VIC3050 (AU). TILLMANN, Hans [DE/DE]; Stolzestr 41, D-30171 Hannover (DE). ANGUS, Peter, William [AU/AU]; 45 Streerton Crescent, East Ivanhoe, VIC 3079 (AU). SIEVERT, William [AU/AU]; c/- Department of Medicine, Monash Medical Centre, 246 Clayton Road, Clayton, VIC 3168 (AU).

(74) HUGHES, E, John, L et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/00

(11) WO 03/087352 (13) A2

(21) PCT/CA03/00506

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,132 9 Apr/avr 2002 US (09.04.2002)

(30) 60/371,365 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,911 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENOLASE POLYPEPTIDES AND STRUCTURES

• POLYPEPTIDES D'ENOLASE ET STRUCTURES CORRESPONDANTES

(71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).

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(72, 75) EDWARDS, Aled [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). DOMAGALA, Megan [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Ontario L5B 4B1 (CA). NETHERY, Kathleen [CA/CA]; 1185 Lansdowne Avenue, Lower Unit, Toronto, Ontario M6H 3Z7 (CA). BUZADZ IJA, Kristina [CA/CA]; 880 Dundas Street West, Apt. 1102, Mississauga, Ontario L5C 4H3 (CA). HOUSTON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). NG, Ivy [CA/CA]; 33 Isabella Street, Suite 2115, Toronto, Ontario M4Y 2P7 (CA). VALLEE, Francois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). AWREY, Donald [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			[CA/CA]; #135-815 Hillcrest Ave., Missis- sauga, Ontario L5B 4B1 (CA). HOUSTON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). AWREY, Donald [CA/CA]; 2211 Stir Cres- cent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA). MANSOURY, Kamran [CA/CA]; 44 Gerard Street, #1408, Toronto, Ontario M5G 2K2 (CA). OUYANG, Hui [CA/CA]; 6 Esterbrooke Ave., Unit 76, North York, Ontario M2J 2C2 (CA). VALLEE, Fran- cois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). RICHARDS, Dawn [CA/CA]; 45 Balliol Street, #1414, Toronto, Ontario M4S 1C3 (CA). NETHERY, Kathleen [CA/CA]; 1185 Lansdowne Avenue, Lower Unit, Toronto, Ontario M6H 3Z7 (CA). VIRAG, Cristina [CA/CA]; 26 Geraldine Court, Bramp- ton, Ontario L6S 2J6 (CA). BUZADZIJA, Kristina [CA/CA]; 880 Dundas Street West, Apt. 1102, Mississauga, Ontario L5C 4H3 (CA). PINDER, Benjamin [CA/CA]; 181 Brunswick Ave., Apt. 1A, Toronto, Onta- rio M5S 2M4 (CA). ALAM, Muhammad, Zahoor [PK/CA]; #11-440 Malaga Road, Os- hawa, Ontario L1J 1N8 (CA). TAI, Matthew [CA/CA]; 200 Manitoba Street, Unit 612, Toronto, Ontario M8Y 3Y9 (CA). CANA- DIEN, Veronica [CA/CA]; 9 Elmsdale Road, Apt. 405, Toronto, Ontario M4J 3M3 (CA). KANAGARAJAH, Dhushy [CA/CA]; #1402-4450 Tucana Court, Mississauga, Ontario L5R 3R4 (CA). THALAKADA, Rosanne [CA/CA]; 11 Stonebridge Gate, St. Catherines, Ontario L2S 3N1 (CA).			(30) 60/436,288	24 Dec/déc 2002 (24.12.2002)	US
(51) ⁷ C12N 9/10			(30) 60/436,243			24 Dec/déc 2002 (24.12.2002)	US	
(11) WO 03/087353	(13) A2		(30) 60/436,567			26 Dec/déc 2002 (26.12.2002)	US	
(21) PCT/CA03/00481			(30) 60/436,566			26 Dec/déc 2002 (26.12.2002)	US	
(22) 8 Apr/avr 2003 (08.04.2003)			(30) 60/436,708			27 Dec/déc 2002 (27.12.2002)	US	
(25) en	(26) en		(30) 60/437,038			30 Dec/déc 2002 (30.12.2002)	US	
(30) 60/370,915	8 Apr/avr 2002 (08.04.2002)	US	(30) 60/436,971			30 Dec/déc 2002 (30.12.2002)	US	
(30) 60/370,899	8 Apr/avr 2002 (08.04.2002)	US	(30) 60/437,141			30 Dec/déc 2002 (30.12.2002)	US	
(30) 60/371,185	9 Apr/avr 2002 (09.04.2002)	US	(30) 60/436,947			30 Dec/déc 2002 (30.12.2002)	US	
(30) 60/371,107	9 Apr/avr 2002 (09.04.2002)	US	(30) 60/437,638			31 Dec/déc 2002 (31.12.2002)	US	
(30) 60/385,426	31 May/mai 2002 (31.05.2002)	US	(30) 60/437,620			31 Dec/déc 2002 (31.12.2002)	US	
(30) 60/386,283	6 Jun/juin 2002 (06.06.2002)	US	(43) 23 Oct/oct 2003 (23.10.2003)					
(30) 60/400,348	1 Aug/août 2002 (01.08.2002)	US	(54) • NOVEL PURIFIED POLYPEPTIDES INVOLVED IN NUCLEOTIDE TRANS- PORT AND METABOLISM					
(30) 60/424,395	6 Nov/nov 2002 (06.11.2002)	US	• NOUVEAUX POLYPEPTIDES PURI- FIES IMPLIQUES DANS LE TRANS- PORT ET LE METABOLISME NU- CLEOTIDIQUES					
(30) 60/425,200	8 Nov/nov 2002 (08.11.2002)	US	(71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).					
(30) 60/436,345	24 Dec/déc 2002 (24.12.2002)	US	<i>(for all designated States except / pour tous les États désignés sauf US)</i>					
(30) 60/436,349	24 Dec/déc 2002 (24.12.2002)	US	(72, 75) EDWARDS, Aled [CA/CA]; 21 Suther- land Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). DOMAGALA, Megan [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Onta- rio L5B 4B1 (CA). MANSOURY, Kam- ran [CA/CA]; 44 Gerard Street, #1408, Toronto, Ontario M5G 2K2 (CA). HOUS- TON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). AWREY, Donald [CA/CA]; 2211 Stir Cres- cent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA). KANAGARAJAH, Dhushy [CA/CA]; #1402-4450 Tucana Court, Mississauga, Ontario L5R 3R4 (CA). VALLEE, Fran- cois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). VIRAG, Cristina [CA/CA]; 26 Geraldine Court, Brampton, Ontario L6S 2J6 (CA). BUZADZIJA, Kristina [CA/CA]; 880 Dun- das Street West, Apt. 1102, Mississauga, Ontario L5C 4H3 (CA). MCDONALD, Merry-Lynn [CA/CA]; 24 Saylor Drive, Ajax, Ontario P3E 1R7 (CA). TAI, Matthew [CA/CA]; 200 Manitoba Street, Unit 612, Toronto, Ontario M8Y 3Y9 (CA). PINDER, Benjamin [CA/CA]; 181 Brunswick Ave., Apt. 1A, Toronto, Ontario M5S 2M4 (CA). ALAM, Muhammad, Zahoor [PK/CA]; #11-440 Malaga Road, Oshawa, Ontario L1J 1N8 (CA). OUYANG, Hui [CA/CA]; 6 Esterbrooke Ave., Unit 76, North York,					
(30) 60/436,568	26 Dec/déc 2002 (26.12.2002)	US	(74) BERESKIN & PARR ; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).					
(30) 60/436,893	27 Dec/déc 2002 (27.12.2002)	US	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.					
(30) 60/436,889	27 Dec/déc 2002 (27.12.2002)	US	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).					
(30) 60/436,675	27 Dec/déc 2002 (27.12.2002)	US	(51) ⁷ C12N 9/14, 15/55					
(30) 60/436,900	27 Dec/déc 2002 (27.12.2002)	US	(11) WO 03/087354			(13) A2		
(30) 60/436,885	27 Dec/déc 2002 (27.12.2002)	US	(21) PCT/CA03/00485					
(30) 60/436,734	27 Dec/déc 2002 (27.12.2002)	US	(22) 8 Apr/avr 2003 (08.04.2003)					
(30) 60/437,013	30 Dec/déc 2002 (30.12.2002)	US	(25) en			(26) en		
(43) 23 Oct/oct 2003 (23.10.2003)			(30) 60/371,067	9 Apr/avr 2002 (09.04.2002)	US			
(54) • NOVEL PURIFIED POLYPEPTIDES INVOLVED IN MEMBRANE BIOGENESIS			(30) 60/386,548	5 Jun/juin 2002 (05.06.2002)	US			
• NOUVEAUX POLYPEPTIDES PURIFIES IMPLIQUES DANS LA BIOGENESE MEMBRANAIRE			(30) 60/386,869	6 Jun/juin 2002 (06.06.2002)	US			
(71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA).			(30) 60/386,826	6 Jun/juin 2002 (06.06.2002)	US			
<i>(for all designated States except / pour tous les États désignés sauf US)</i>			(30) 60/424,380	6 Nov/nov 2002 (06.11.2002)	US			
(72, 75) EDWARDS, Aled [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). DOMAGALA, Megan [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Ontario L5B 4B1 (CA). MANSOURY, Kamran [CA/CA]; 44 Gerard Street, #1408, Toronto, Ontario M5G 2K2 (CA). HOUSTON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). AWREY, Donald [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA). KANAGARAJAH, Dhushy [CA/CA]; #1402-4450 Tucana Court, Mississauga, Ontario L5R 3R4 (CA). VALLEE, Francois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). VIRAG, Cristina [CA/CA]; 26 Geraldine Court, Brampton, Ontario L6S 2J6 (CA). BUZADZIJA, Kristina [CA/CA]; 880 Dundas Street West, Apt. 1102, Mississauga, Ontario L5C 4H3 (CA). MCDONALD, Merry-Lynn [CA/CA]; 24 Saylor Drive, Ajax, Ontario P3E 1R7 (CA). TAI, Matthew [CA/CA]; 200 Manitoba Street, Unit 612, Toronto, Ontario M8Y 3Y9 (CA). PINDER, Benjamin [CA/CA]; 181 Brunswick Ave., Apt. 1A, Toronto, Ontario M5S 2M4 (CA). ALAM, Muhammad, Zahoor [PK/CA]; #11-440 Malaga Road, Oshawa, Ontario L1J 1N8 (CA). OUYANG, Hui [CA/CA]; 6 Esterbrooke Ave., Unit 76, North York,			(30) 60/425,086	8 Nov/nov 2002 (08.11.2002)	US			

- Ontario M2J 2C2 (CA). **RICHARDS, Dawn** [CA/CA]; 45 Balliol Street, #1414, Toronto, Ontario M4S 1C3 (CA). **CANADIEN, Veronica** [CA/CA]; 9 Elmsdale Road, Apt. 405, Toronto, Ontario M4J 3M3 (CA). **THALAKADA, Rosanne** [CA/CA]; 11 Stonebridge Gate, St. Catharines, Ontario L2S 3N1 (CA). **NETHERY, Kathleen** [CA/CA]; 1185 Lansdowne Avenue, Lower Unit, Toronto, Ontario M6H 3Z7 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/48, 15/63, 1/21, C07H 21/04, A61K 38/48, 39/395
- (11) WO 03/087355 (13) A1
- (21) PCT/US03/11343
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 10/122,264 11 Apr/avr 2002 US (11.04.2002)
- (30) 10/283,648 29 Oct/oct 2002 US (29.10.2002)
- (30) 10/383,206 6 Mar/mar 2003 US (06.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INACTIVATION RESISTANT FACTOR VIII
- FACTEUR VIII RESISTANT A L'INACTIVATION
- (71) **UNIVERSITY OF MICHIGAN** [US/US]; Technology Management Office, Woverine Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109-1280 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAUFMAN, Randal, J.** [US/US]; 5519 Great Hawk Circle, Ann Arbor, MI 48105 (US). **PIPE, Steven, W.** [CA/US]; 8261 Lake Crest Drive, Yipsilanti, MI 48197-6754 (US).
- (74) **SMITH, DeAnn, F. et al.** / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ C12N 15/00
- (11) WO 03/087357 (13) A2
- (21) PCT/IB03/02015
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) en (26) en
- (30) 0208818.5 17 Apr/avr 2002 GB (17.04.2002)
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C12N 15/00
- (11) WO 03/087356 (13) A2
- (21) PCT/EP03/03519
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) de (26) de
- (30) 102 16 738.9 16 Apr/avr 2002 DE (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HELICOKININ-RECEPTOR FROM INSECTS
- RECEPTEUR DE L'HELICOKININE ISSU D'INSECTES
- (71) **BAYER CROPSCIENCE AG** [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANTONICEK, Horst-Peter** [DE/DE]; Brahmstr. 2 A, 51467 Bergisch Gladbach (DE). **SCHNIZLER, Katrin** [DE/DE]; Odenwaldstr. 21, 63517 Rodenbach (DE). **WEIDLER, Marcus** [DE/DE]; Lützenkirchener Str. 240, 51381 Leverkusen (DE).
- (74) **BAYER CROPSCIENCE AG**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RETINAL-SPECIFIC NUCLEIC ACID MARKER
- MARQUEUR RETINIEN D'ACIDES NUCLEIQUES
- (71) **EUROPEAN MOLECULAR BIOLOGY LABORATORY** [DE/DE]; Postfach 102209, 69012 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOOSLI, Felix** [CH/DE]; European Molecular Biology Laboratory, Postfach 102209, 69012 Heidelberg (DE). **WITTBRODT, Jochen** [DE/DE]; European Molecular Biology Laboratory, Postfach 102209, 69012 Heidelberg (DE).
- (74) **GOODFELLOW, Hugh, Robin et al.** / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/01, C12P 23/00
- (11) WO 03/087358 (13) A1
- (21) PCT/JP03/04398
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) ja (26) ja
- (30) 2002-112240 15 Apr/avr 2002 JP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROCESS FOR PRODUCING CANTHAXANTHIN
- PROCEDE DE PRODUCTION DE LA CANTHAXANTHINE
- (71) **NIPPON OIL CORPORATION** [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRASAWA, Kazuaki** [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). **TSUBOKURA, Akira** [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). **MIZUTA, Haruyoshi** [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP).
- (74) **HIRAKI, Yusuke et al.** / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

- LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C12N 15/09, 15/10, 15/11, C07K 14/00
(11) WO 03/087359 (13) A1
(21) PCT/CN03/00231
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(30) 60/370,968 8 Apr/avr 2002 US
(08.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • PHOX2B POLYMORPHISMS AS
HIRSCHSPRUNG'S DISEASE DIAG-
NOSTIC MARKERS AND METHODS
BASED THEREON
• POLYMORPHISMES DU GENE
PHOX2B UTILISES COMME MAR-
QUEURS DIAGNOSTIQUES DE LA
MALADIE DE HIRSCHSPRUNG ET
PROCEDES BASES SUR CES POLY-
MORPHISMES
(71) THE UNIVERSITY OF HONG KONG
[CN/CN]; G18, Eliot Hall, Pokfulam Road,
Hong Kong (CN).
(72) BARCELO, Maria, Mercedes, Garcia; 5D
Tung Shing Terrace, 39 Bridges St., Hong
Kong (CN). SHAM, Maihar; 11B, Pokfulam
Mansion, 94B Pokfulam Road, Hong Kong
(CN). TAM, Kwonghang, Paul; 9A Senior
Staff Quarters, The Grantham Hospital, 125
Wong Chuk Hang Rd., Aberdeen, Hong
Kong (CN). LUI, Chihang, Vincent; 15/F.,
Block A, Caine Mansion, 80-88 Caine Road,
Central, Hong Kong (CN). CHEN, Lingsze,
Benedict; 28E, Blk 8, Oscar by the Sea, 8
Pung Loi Rd, Tseung Kwan O, New Territo-
ries, Hong Kong (CN).
(74) CHINA PATENT AGENT (H.K.) LTD.;
22/F, Great Eagle Centre, 23 Harbour Road,
Wanchai, Hong Kong (CN).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C12N 15/09, C12M 1/00, C12Q 1/68
(11) WO 03/087360 (13) A1
(21) PCT/IB03/01368
(22) 14 Apr/avr 2003 (14.04.2003)
(25) ja (26) ja
- (30) 2002-111132 12 Apr/avr 2002 JP
(12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD OF JUDGING RISK OF
ARTERIAL SCLEROSIS, METHOD
OF MEASURING RISK OF ARTE-
RIAL SCLEROSIS, MICROARRAY
FOR JUDGING RISK OF ARTERIAL
SCLEROSIS, DEVICE FOR JUDGING
RISK OF ARTERIAL SCLEROSIS AND
PROGRAM FOR JUDGING RISK OF
ARTERIAL SCLEROSIS
• PROCEDE D'EVALUATION DU
RISQUE D'ARTERIOSCLEROSE, PRO-
CEDE DE MESURE DU RISQUE D'AR-
TERIOSCLEROSE, MICRORESEAU,
DISPOSITIF ET PROGRAMME POUR
EVALUER LE RISQUE D'ARTERIOS-
CLEROSE
(71) OSAKA INDUSTRIAL PROMOTION
ORGANIZATION [JP/JP]; c/o Mydome
Osaka, 2-5, Honmachi-bashi, Chuo-ku, Os-
aka-shi, Osaka 540-0029 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) YAMASAKI, Yoshimitsu [JP/JP];
27-15-103, Hinoike-cho, Nishinomiya-shi,
Hyogo 662-0084 (JP).
(74) MATSUDA, Naoko et al. / etc.; Hirota, Na-
gare & Associates, Shin-Yoyogi Bldg. 206,
19-12, Yoyogi 1-chome, Shibuya-ku, Tokyo
151-0053 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Published / Publiée : (c)
(51)⁷ C12N 15/09, C12Q 1/68, C12M 1/00,
G06F 17/30
(11) WO 03/087361 (13) A1
(21) PCT/JP02/03875
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD OF SELECTING PRIMER
FOR DNA SYNTHESIS
• PROCEDE DE SELECTION
D'AMORCE POUR SYNTHÈSE D'ADN
(71) HOKKAIDO TECHNOLOGY LI-
CENSING OFFICE CO., LTD. [JP/JP];
8-1, Kita 7 Jou Nishi 2-chome, Kita-ku,
Sapporo-shi, Hokkaido 060-0807 (JP).
SIGMA GENOSYS JAPAN K. K. [JP/JP];
777-13, Nishi 1-chome, Shinko, Ishikari-shi,
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(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) ENDOH, Daiji [JP/JP]; c/o Department
of Veterinary Radiology, School of Veteri-
nary Medicine, Rakuno Gakuen University,
582, Midori-machi, Bunkyo-dai, Ebetsu-shi,
Hokkaido 069-8501 (JP). MAKI, Yoshiyuki
[JP/JP]; c/o Sigma Genosys Japan K. K.,
777-13, Nishi 1-chome, Shinko, Ishikari-shi,
Hokkaido 061-3241 (JP).
(74) TANAKA, Reiko et al. / etc.; Ohno &
Partners, Kasumigaseki Bldg. 36F, 2-5, Ka-
sumigaseki 3-chome, Chiyoda-ku, Tokyo
100-6036 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/09, C07K 14/705, 16/28, C12Q
1/68, A61K 38/00, 39/395, 45/00, 48/00,
A61P 1/02, 17/00, 17/14, 17/06, G01N
33/15, 33/50, 33/68
(11) WO 03/087362 (13) A1
(21) PCT/JP03/04236
(22) 2 Apr/avr 2003 (02.04.2003)
(25) ja (26) ja
(30) 2002-100843 3 Apr/avr 2002 JP
(03.04.2002)
(30) 2002-369385 20 Dec/déc 2002 JP
(20.12.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • NOVEL G PROTEIN-COUPLED RE-
CEPTOR GENE AND PROTEIN BG8
• NOUVEAU GENE RECEPTEUR
COUPLE A LA PROTEINE G ET PRO-
TEINE BG8
(71) BANYU PHARMACEUTICAL CO.,
LTD. [JP/JP]; 2-3, Nihombashi Honcho
2-chome, Chuo-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous
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(72, 75) INOUE, Shinichi [JP/JP]; c/o BANYU
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stitute, 3, Okubo, Tsukuba-shi, Ibaraki
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Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
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Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 300-2611 (JP). TANAKA, Kenichi
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(74) BANYU PHARMACEUTICAL CO.,
LTD.; 2-3, Nihombashi Honcho 2-chome,
Chuo-ku, Tokyo 103-8416 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, C07K 14/82, 16/32

(11) WO 03/087363 (13) A1

(21) PCT/JP03/04699

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111377 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CANCER-ASSOCIATED GENE MINA 53, PROTEIN MINA 53 AND MONOCLONAL ANTIBODY THEREOF

• GENE MINA 53 ASSOCIE AU CANCER, PROTEINE MINA 53 ET LEUR ANTICORPS MONOCLONAL

(71) GAKKOUHOJIN KURUME UNIVERSITY [JP/JP]; 67, Asahi-machi, Kurume-shi, Fukuoka 830-0011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUNEOKA, Makoto [JP/JP]; 2024, Nankunnishi-machi, Kurume-shi, Fukuoka 830-0006 (JP). KIMURA, Hiroshi [JP/JP]; 11-3-902, Kogashira-machi, Kurume-shi, Fukuoka 830-0045 (JP).

(74) SANO, Kunihiro et al. / etc.; Asunaro Patent Office, Sanko Bldg. 5th Floor, 2-10, Kanda Ogawamachi 3-chome, Chiyoda-ku, Tokyo 101-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/09, 1/15, 1/19, 1/21, 5/10, C07K 14/705, 16/28, C12P 21/02, C12Q 1/02, 1/34, A61K 39/395, 45/00, 48/00, A61P 9/10, 25/16, 25/28, 39/06, 43/00, G01N 33/15, 33/50

(11) WO 03/087364 (13) A1

(21) PCT/JP03/04759

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113829 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NOVEL G PROTEIN-COUPLED RECEPTOR AND ITS GENE

• NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G ET SON GENE

(71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ONUKI, Tetsuo [JP/JP]; 3-8-3, Kahinata, Saitama-shi, Saitama 340-0164 (JP). OGAWA, Koji [JP/JP]; 2-50-623, Toshima 5-chome, Kita-ku, Tokyo 114-0003 (JP). KOGUCHI, Yutaka [JP/JP]; 2-2-5, Kawagishi, Toda-shi, Saitama 335-8505 (JP). HOSOI, Emiko [JP/JP]; 5-18-5-203, Kawaguchi, Kawaguchi-shi, Saitama 332-0015 (JP). CHIKADA, Aiko [JP/JP]; 10-19-10, Tokiwa, Urawa-ku, Saitama-shi, Saitama 336-0061 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No. 5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, C12Q 1/02

(11) WO 03/087365 (13) A1

(21) PCT/JP03/04761

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112364 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MEASURING HUMAN CYP3A INDUCIBILITY

• PROCEDE DE MESURE DE L'INDUCTIBILITE DU CYP3A HUMAIN

(71) DAIICHI PURE CHEMICALS CO., LTD. [JP/JP]; 13-5, NIHONBASHI 3-CHOME, CHUO-KU, Tokyo 103-0027 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) YAMAZOE, Yasushi [JP/JP]; 18-1-206, NAKAYAMA 5-CHOME, AOBA-KU, SENDAI-SHI, Miyagi 981-0952 (JP).

(72, 75) NAGATA, Kiyoshi [JP/JP]; 18-8-405, NAKAYAMA 5-CHOME, AOBA-KU, SENDAI-SHI, Miyagi 981-0952 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, 5/10, C07K 14/705, C12Q 1/02 // C12R 1:91

(11) WO 03/087366 (13) A1

(21) PCT/JP03/04840

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113030 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENDOCRINE CELL LINES AND METHOD OF USING THE SAME

• LIGNEES DE CELLULES ENDOCRINIENNES ET PROCEDE D'UTILISATION DESDITES LIGNEES

(71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Katsutoshi [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). MIURA, Kazumi [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). SAEKI, Satoshi [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). YOSHIZAWA, Misako [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). KISHIMOTO, Kazuya [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). KUNITOMO, Hirofumi [JP/JP]; 20-32, Osaka 2-chome, Mitaka-shi, Tokyo 181-0015 (JP). NISHI, Tatsunari [JP/JP]; 39-15, Higashimine-machi, Ota-ku, Tokyo 145-0074 (JP). OBINATA, Masuo [JP/JP]; 5-3-10-402, Hachiman, Aoba-ku, Sendai-shi, Miyagi 980-0871 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, A61K 31/713, C12Q 1/68, C12N 15/86, 5/10, A01K 67/027

(11) WO 03/087367 (13) A2

(21) PCT/EP03/04002

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 02008761.5 18 Apr/avr 2002 EP (18.04.2002)

(30) 60/431,173 5 Dec/déc 2002 US (05.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEANS AND METHODS FOR THE SPECIFIC INHIBITION OF GENES IN CELLS AND TISSUE OF THE CNS AND/OR EYE

• MOYENS ET PROCEDES POUR L'INHIBITION SPECIFIQUE DE GENES DANS LES CELLULES ET LE TISSU DU SYSTEME NERVEUX CENTRAL ET/OU DE L'OEIL

(71) LYNKEUS BIOTECH GMBH [DE/DE]; Friedrich-Bergius-Ring 15, 97076 Würzburg (DE).

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(72, 75) SCHULTE, Ralf, Wilhelm [DE/DE]; Schellenbergstrasse 17, 81547 München (DE). GÖHRING, Frank [DE/DE]; Robert-Kirchhoff-strasse 35, 97076 Würzburg (DE).

(74) KNAUTHE EGGERS; Postfach 31 01 40, 80102 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, A61K 48/00, 31/713, 9/08, C12Q 1/68, C12N 15/12, C07K 14/47, 16/18, G01N 33/50, 33/68, A01K 67/027

(11) WO 03/087368 (13) A2

(21) PCT/EP03/04003

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 02008761.5 18 Apr/avr 2002 EP (18.04.2002)

(30) 60/431,173 5 Dec/déc 2002 US (05.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEANS AND METHODS FOR THE SPECIFIC MODULATION OF TARGET

GENES IN THE CNS AND THE EYE AND METHODS FOR THEIR IDENTIFICATION

• MOYENS ET PROCEDES POUR LA MODULATION SPECIFIQUE DE GENES CIBLES DANS LE SNC ET L'OEIL, ET PROCEDES POUR LEUR IDENTIFICATION

(71) LYNKEUS BIO TECH GMBH [DE/DE]; Friedrich-Bergius-Ring 15, 97076 Würzburg (DE).

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(72, 75) DRUMM, Karina [DE/DE]; Innerer Graben 12, 97070 Würzburg (DE). SCHLÖR, Stefan, Hubert [DE/DE]; Alfred-Delp-Str. 9c, 97828 Marktheidenfeld (DE). GÖHRING, Frank [DE/DE]; Robert-Kirchhoff-strasse 35, 97076 Würzburg (DE).

(74) KNAUTHE EGGERS; Postfach 31 01 40, 80102 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11

(11) WO 03/087369 (13) A2

(21) PCT/FI03/00256

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/372,422 16 Apr/avr 2002 US (16.04.2002)

(30) 10/372,232 25 Feb/fév 2003 US (25.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A NOVEL RIBOZYME AND ITS USE

• NOUVEAU RIBOZYME ET UTILISATION DE CELUI-CI

(71, 72) KÄHÄRI, Veli-Matti [FI/FI]; Karjakuja 48 C 12, FIN-20540 Turku (FI). ALA-AHO, Risto [FI/FI]; Itäinen Pitkätatu 25 a A 15, FIN-20700 Turku (FI). AHONEN, Matti [FI/FI]; Seilimäki 10 A, FIN-02180 Espoo (FI).

(74) ÖHMAN, Ann-Marie; Hormos Medical Corporation, Itäinen Pitkätatu 4 B, FIN-20520 Turku (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, 15/63, 15/10

(11) WO 03/087370 (13) A1

(21) PCT/FI03/00285

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 20020746 18 Apr/avr 2002 FI (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND MATERIALS FOR PRODUCING DELETION DERIVATIVES OF POLYPEPTIDES

• METHODE ET MATERIAUX DE PRODUCTION DE DERIVES DE DELETION DE POLYPEPTIDES

(71) FINNZYMES OY [FI/FI]; Riihitontuntie 14 B, FIN-02200 ESPOO (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAVILAHTI, Harri [FI/FI]; Munkkiniemen puistotie 2 B 34, FIN-00330 HELSINKI (FI). TIEAHO, Ville [FI/FI]; Koivutie 8, FIN-04480 HAARAJOKI (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FIN-00120 HELSINKI (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, 5/10, A61K 48/00

(11) WO 03/087371 (13) A1

(21) PCT/NL03/00279

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076434.6 12 Apr/avr 2002 EP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIVIRAL THERAPY ON THE BASIS OF RNA INTERFERENCE

• THERAPIE ANTIVIRALE FONDÉE SUR UNE INTERFERENCE DE L'ARN

(71) VIRUVATION B.V. [NL/NL]; Wasse-naarseweg 72, NL-2333 AL Leiden (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DE HAAN, Petrus, Theodorus** [NL/NL]; Vincent van Goghlaan 46, NL-2343 RR Oegstgeest (NL).
- (74) **PRINS, A.W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) **AE AG AL AM AT** (Utility model / modèle d'utilité) **AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ** (Utility model / modèle d'utilité) **CZ DE** (Utility model / modèle d'utilité) **DE DK** (Utility model / modèle d'utilité) **DK DM DZ EC EE** (Utility model / modèle d'utilité) **EE ES FI** (Utility model / modèle d'utilité) **FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK** (Utility model / modèle d'utilité) **SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**.
- (84) **AP** (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); **EA** (AM AZ BY KG KZ MD RU TJ TM); **EP** (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); **OA** (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/12

(11) WO 03/087372 (13) A2

(21) PCT/FR03/01158

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04579 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SEQUENCES INVOLVED IN THE PHENOMENA OF TUMOUR SUPPRESSION, TUMOUR REVERSION, APOPTOSIS AND/OR RESISTANCE TO VIRUSES, AND THE USE OF THE SAME AS MEDICAMENTS

- SEQUENCES IMPLIQUÉES DANS LES PHÉNOMÈNES DE SUPPRESSION TUMORALE, REVERSION TUMORALE, APOPTOSE ET/OU RESISTANCE AUX VIRUS ET LEUR UTILISATION COMME MÉDICAMENTS

(71) **MOLECULAR ENGINES LABORATORIES** [FR/FR]; 20, rue Bouvier, F-75011 Paris (FR).

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(72, 75) **TELERMAN, Adam** [BE/FR]; 6, rue du Pré-aux-Clercs, F-75007 Paris (FR). **AM-SON, Robert** [LU/FR]; 10, rue Gay Lussac, F-75005 Paris (FR). **TUIJNDER, Marius** [NL/BE]; Moestuinstraat 2, B-2800 Mechelen (BE).

(74) **MARTIN, Jean-Jacques et al.** / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) CA JP US.

(84) **EP** (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N 15/12, C07K 14/705, A61K 38/17

(11) WO 03/087373 (13) A2

(21) PCT/GR03/00014

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 20020100190 17 Apr/avr 2002 GR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PRODUCTION OF RECOMBINANT FRAGMENTS OF MUSCLE ACETYLCHOLINE RECEPTOR AND THEIR USE FOR EX VIVO IMMUNOADSORPTION OF ANTI-CH RECEPTOR ANTIBODIES FROM MYASTHENIC PATIENTS

- PRODUCTION DE FRAGMENTS DE RECOMBINAISON DU RECEPTEUR D'ACÉTYLCHOLINE MUSCULAIRE ET LEUR UTILISATION POUR UNE IMMUNO-ADSORPTION <I>EX VIVO</I> D'ANTICORPS ANTI-RECEPTEURS DE L'ACÉTYLCHOLINE (ANTI-RACH) PROVENANT DE PATIENTS MYASTHÉNIQUES

(71) **HELLENIC PASTEUR INSTITUTE** [GR/GR]; 127, Vas. Sofias Ave., GR-115211 Athens (GR). **ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES** [FR/FR]; 13, place de Rungis, F-75013 Paris (FR).

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(71, 72) **TZARTOS, Socrates** [GR/GR]; 147, Formionis Str., GR-161 21 Kaisariani Attikis (GR). **MAMALAKI, Avgi** [GR/GR]; 15, Tositsa Str., GR-106 83 Athens (GR).

(72, 75) **PSARIDI-LINARDAKI, Loukia** [GR/GR]; 14, P. Linou Str., GR-175 63 Paleo Faliro Attikis (GR). **KOSTELIDOU, Kalliopi** [GR/GR]; 32A Apo Anatolis Str., GR-165 62 Glyfada Attikis (GR).

(74) **KORIATOPOULOU, Pierrina**; 16 Akademias Str., GR-106 71 Athens (GR).

(81) **AE AG AL AU BA BB BR CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT MA MG MK MN MX NI NO NZ OM PH PL RO SC SG TN TT UA US UZ VC VN YU ZA**.

(84) **AP** (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); **EA** (AM AZ BY KG KZ MD RU TJ TM); **EP** (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); **OA** (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/12, 15/09, 15/63, C07K 14/715, 16/28, C12N 5/10, A61K 31/713, 38/17, 39/395

(11) WO 03/087374 (13) A1

(21) PCT/IL03/00316

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 149217 18 Apr/avr 2002 IL (18.04.2002)

(30) 152183 8 Oct/oct 2002 IL (08.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DERIVATIVES OF THE IL-2 RECEPTOR GAMMA CHAIN, THEIR PRODUCTION AND USE.

- DERIVES DE LA CHAÎNE GAMMA DU RECEPTEUR IL-2, PRODUCTION ET UTILISATION DE CEUX-CI

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76 100 Rehovot (IL).

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(72, 75) **WALLACH, David** [IL/IL]; 24 Borochov Street, 76406 Rehovot (IL). **RAMAKRISHNAN, Parameswaran** [IN/IL]; Hanasi Harishon 13/7, 76302 Rehovot (IL). **SHMUSHKOVICH, Taisia** [IL/IL]; 23B Hanassi Harishon Street, 76302 Rehovot (IL).

(74) **EINAV, Henry**; Inter-Lab Ltd., Science-based Industrial Park, Kiryat Weizmann, 76110 Ness-Ziona (IL).

(81) **AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**.

(84) **AP** (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); **EA** (AM AZ BY KG KZ MD RU TJ TM); **EP** (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); **OA** (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/12, C07K 14/47, C12N 1/21, C12P 21/02, G01N 33/15, C07K 16/18, C12P 21/08, A61K 38/17 // A61P 19/04, (C12N 15/12, C12R 1:91), C12P 21/08, C12R 1:91)

(11) WO 03/087375 (13) A1

(21) PCT/JP03/04802

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) NO. 2002-113908 16 Apr/avr 2002 JP (16.04.2002)

(30) 60/373,594 19 Apr/avr 2002 US (19.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CARTILAGE DIFFERENTIATION REGULATING GENE

- GENE DE REGULATION DE DIFFÉRENTIATION CARTILAGINEUSE

(71) **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).

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(72, 75) **MATSUDA, Akio** [JP/JP]; 37-404, Minamimachi 1-ban, Fuji-shi, Shizuoka 417-0026 (JP). **HONDA, Goichi** [JP/JP]; 655-9, Miyajima, Fuji-shi, Shizuoka

416-0945 (JP). MURAMATSU, Shuji [JP/JP]; 17-13, Tadehara, Fuji-shi, Shizuoka 416-0931 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/29, 15/54, 5/10, 9/10, C12P 17/18, A01H 1/00

(11) WO 03/087376 (13) A1

(21) PCT/JP03/04601

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-115257 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CAFFEINE SYNTHASE AND USE THEREOF
• CAFFEINE SYNTHASE ET UTILISATION CORRESPONDANTE

(71) JAPAN AS REPRESENTED BY PRESIDENT OF NARA INSTITUTE OF SCIENCE AND TECHNOLOGY [JP/JP]; 8916-5, Takayamacho, Ikoma-shi, Nara 630-0101 (JP).
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(72, 75) UEFUJI, Hirotaka [JP/JP]; Takase-haitsu 207, 3-14-11, Tomiokita, Nara-shi, Nara 631-0076 (JP). SANO, Hiroshi [JP/JP]; 2-7-15, Shikanodainishi, Ikoma-shi, Nara 630-0114 (JP). KOIZUMI, Nozomu [JP/JP]; Daigaku Shukusha C-505, 8916-5, Takayamacho, Ikoma-shi, Nara 630-0101 (JP). SHINMYO, Atsuhiko [JP/JP]; 4-1-4, Tatsutakita, Ikaruga-cho, Ikoma-gun, Nara 636-0151 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o KISHIMOTO & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) AU CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N 15/31, C07K 14/24, C12N 5/14, 15/83, A01N 63/02, A01H 1/00, 5/00

(11) WO 03/087377 (13) A1

(21) PCT/FR03/01239

(22) 17 Apr/avr 2003 (17.04.2003)

(25) fr (26) fr

(30) 02/04798 17 Apr/avr 2002 FR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INSECTICIDE PROTEINS FROM *PHOTORABDUS LUMINESCENS*

• PROTEINES INSECTICIDES *PHOTORABDUS LUMINESCENS*

(71) INSTITUT PASTEUR [FR/FR]; 25-28, rue du Docteur Roux, F-75015 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR). INRA - INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE [FR/FR]; 145, rue de l'Université, F-75007 Paris (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/31, 15/11, A61K 39/07

(11) WO 03/087378 (13) A1

(21) PCT/GB03/01553

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,416 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NUCLEIC ACID IMMUNIZATION

• IMMUNISATION D'ACIDES NUCLEIQUES

(71) POWDERJECT RESEARCH LIMITED [GB/GB]; 4 Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB).

(72) SCHMALJOHN, Connie; US Army Medical Research Institute of Infectious Diseases, 1425 Porter Street, Fort Detrick, MD 21702-5011 (US). FULLER, James; 585 Science Drive, Madison, WI 53711 (US).

(74) WOODS, Geoffrey, Corlett; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/54, 9/12, 15/10, A61K 38/45, G01N 33/68, 33/53, C12Q 1/68

(11) WO 03/087379 (13) A1

(21) PCT/EP03/03752

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,684 12 Apr/avr 2002 US (12.04.2002)

(30) 60/406,940 30 Aug/août 2002 US (30.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REGULATION OF HUMAN PROTEIN KINASE

• REGULATION DE LA PROTEINE KINASE HUMAINE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIOU, Jiing-Ren [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C12N 15/54, 15/09, 15/11, 15/63, 9/10, C07K 16/40, C12N 5/10, A61K 31/711, 31/713, 38/45, 39/395

(11) WO 03/087380 (13) A1

(21) PCT/IL03/00317

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 149217 18 Apr/avr 2002 IL

(18.04.2002)

(30) 152183 8 Oct/oct 2002 IL

(08.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DERIVATIVES OF THE NF-KAPPAB INDUCING ENZYME, THEIR PREPARATION AND USE

• DERIVES DE L'ENZYME INDUC-TRICE DU FACTEUR NUCLEAIRE SG(K)B, LEUR PREPARATION ET LEUR UTILISATION

(71) YEDA RESEARCH AND DEVELOPMENT CO.LTD [IL/IL]; AT THE WEIZMANN INSTITUTE OF SCIENCE, P.O.BOX 95 (IL).

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(72, 75) WALLACH, David [IL/IL]; 24 Borochov Street, 76406 Rehovot (IL). RAMAKRISHNAN, Parameswaran [IN/IL]; Hanasi Harishon 13/7, 76302 Rehovot (IL). SHMUSHKOVICH, Taisia [IL/IL]; 23B Hanassi Harishon Street, 76302 Rehovot (IL).

(74) EINAV, Henry; INTER-LAB LTD, SCIENCE BASED INDUSTRIAL PARK, KIRYAT WEIZMAN, 76110 NESS ZIONA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/70, 15/53, 15/12, C12P 7/62 // C12N 15/53, 1/21, (C12N 15/70, C12R 1:04) (C12N 15/53, C12R 1:38) (C12N 15/12, C12R 1:465) (C12N 15/12, C12R 1:38) (C12P 7/62, C12R 1:19) (C12N 1/21, C12R 1:19)

(11) WO 03/087381 (13) A1

(21) PCT/JP03/04609

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110311 12 Apr/avr 2002 JP

(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXPRESSION SYSTEM OF ACTINOMYCETE-ORIGIN CYTOCHROME P-450 IN *ESCHERICHIA COLI*

• SYSTEME D'EXPRESSION DE CYTOCHROME P-450 D'ORIGINE ACTINOMYCETE DANS DES *ESCHERICHIA COLI*

(71) MERCIAN CORPORATION [JP/JP]; 5-8, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8305 (JP).

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(72, 75) ARISAWA, Akira [JP/JP]; Hikari-haitsu 313, 1797, Nakaizumi, Iwata-shi, Shizuoka 438-0078 (JP). KUMEDA, Ayako [JP/JP]; 1-3-19-201, Higashi-Oi, Shinagawa-ku, Tokyo 140-0011 (JP).

(74) ODAJIMA, Heikichi et al. / etc.; Oda-jima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (m)

(51)⁷ C12N 15/86

(11) WO 03/087382 (13) A1

(21) PCT/GB03/01585

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208390.5 11 Apr/avr 2002 GB

(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ADENO-ASSOCIATED VIRUS PRODUCER SYSTEM

• SYSTÈME PRODUCTEUR DE VIRUS ADÉNO-ASSOCIÉS

(71) UNIVERSITY COLLEGE LONDON [GB/GB]; Gower Street, London WC1E 9BT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COFFIN, Robert, Stuart [GB/GB]; 70 Milton Street, Abington, Oxfordshire OX14 4RX (GB). BOOTH, Matthew, James [GB/GB]; The Windeyer Institute, 46 Cleveland Street, London W1P 6DP (GB).

(74) WOODS, Geoffrey, Corlett et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/86, A61K 48/00

(11) WO 03/087383 (13) A1

(21) PCT/JP03/04856

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 10/124,749 16 Apr/avr 2002 US

(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS FOR DELIVERING ENZYMES INVOLVED IN AMINO ACID METABOLISM USING RECOMBINANT ADEMO-ASSOCIATED VIRUS VIRONS (RAAV VIRONS), AND METHOD AND USE FOR TREATING AMINO ACID METABOLIC DISORDERS USING SUCH RAAV VIRONS

• COMPOSITIONS POUR L'APPORT D'ENZYMES INTERVENANT DANS LE METABOLISME DES ACIDES AMINES AU MOYEN DE VIRIONS DE VIRUS ADENO-ASSOCIE RECOMBINES (VIRIONS RAAV), ET PROCEDE ET UTILISATION DE TELS VIRIONS RAAV POUR TRAITER DES TROUBLES DU METABOLISME DES ACIDES AMINES

(71, 72) OZAWA, Keiya [JP/JP]; c/o Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical School, 3311-1, Yakushiji, Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498 (JP). MIZUKAMI, Hiroaki [JP/JP]; c/o Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical School, 3311-1, Yakushiji, Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498 (JP). KUME, Akihiro [JP/JP]; c/o Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical School, 3311-1, Yakushiji, Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498 (JP).

(74) SUGIMURA, Kosaku; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/88, A61K 48/00

(11) WO 03/087384 (13) A1

(21) PCT/EP03/04068

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02008686.4 18 Apr/avr 2002 EP

(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PREPARATION AND USE OF DNA-POLYELECTROLYTE NANOPARTICLES FOR GENE TRANSFER

• PREPARATION ET UTILISATION DE NANOPARTICULES D'ADN-POLYELECTROLYTE DESTINEES AU TRANSFERT GENIQUE

- (71) MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN [DE/DE]; Robert-Rössle-Str. 10, 13125 Berlin (DE). MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartenstr. 8, 80539 München (DE).

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- (72, 75) BÖTTGER, Michael [DE/DE]; Binzstr. 6, 13189 Berlin (DE). ZAITSEV, Sergei [DE/DE]; Pöllnitzweg 155, 13125 Berlin (DE). CARTIER, Regis [DE/DE]; Robert-Rössle-Str. 10, 13125 Berlin (DE). HABERLAND, Annkathrin [DE/DE]; Dunckerstr. 34, 10430 Berlin (DE). SUKHORUKOV, Gleb [DE/DE]; Feuerbachstr. 35, 14471 Potsdam (DE). MÖHWALD, Helmut [DE/DE]; Dr.-Gebauer-Str. 21, 55411 Bingen (DE). ZASTROW, Heidi [DE/DE]; Rosa-Luxemburg-Str. 4b, 14482 Potsdam (DE). SCHNEIDER, Marc [DE/DE]; Niebuhrstr. 71, 10629 Berlin (DE).

- (74) ZIEBIG, Marlene, K. et al. / etc.; Patentanwälte Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15 - 17, 10117 Berlin (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ C12P 7/64, C11C 3/14, A23L 1/054

- (11) WO 03/087385 (13) A1

- (21) PCT/JP03/04633

- (22) 11 Apr/avr 2003 (11.04.2003)

- (25) ja (26) ja

- (30) 2002-110773 12 Apr/avr 2002 JP (12.04.2002)

- (30) 2002-301286 16 Oct/oct 2002 JP (16.10.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PROCESS FOR PRODUCING CONJUGATED FATTY ACID AND FOOD/DRINK OBTAINED BY THE PROCESS

• PROCEDE DE PRODUCTION D'ACIDE GRAS CONJUGUE ET ALIMENT /BOISSON OBTENUS GRACE A CE PROCEDE

- (71) KABUSHIKI KAISHA YAKULT HONSHA [JP/JP]; 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP).

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- (72, 75) MIZUSAWA, Naomi [JP/JP]; c/o Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP). SAKAI, Masashi [JP/JP]; c/o Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP). KUDO, Satoshi [JP/JP]; c/o Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP). SHIRASAWA, Yukio [JP/JP]; c/o Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP).

- (74) SATO, Masatoshi et al. / etc.; SANWA INTERNATIONAL PATENT OFFICE., Shuwa daini Toranomon Bldg., 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C12P 13/12, C12N 9/10, 1/15, 15/63

- (11) WO 03/087386 (13) A2

- (21) PCT/EP03/04010

- (22) 16 Apr/avr 2003 (16.04.2003)

- (25) de (26) de

- (30) 102 17 058.4 17 Apr/avr 2002 DE (17.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHODS FOR PRODUCING SULPHUROUS FINE CHEMICALS

• PROCEDE DE PRODUCTION DE PRODUITS CHIMIQUES FINS SULFUREUX

- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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- (72, 75) KRÖGER, Burkhard [DE/DE]; Im Waldhof 1, 67117 Limburgerhof (DE). ZELDER, Oskar [DE/DE]; Franz-Stützel-Str. 8, 67346 Speyer (DE). KLOPPROGGE, Corinna [DE/DE]; Diemersteinstrasse 3, 67065 Ludwigshafen (DE). SCHRÖDER, Hartwig [DE/DE]; Benzstr. 4, 69226 Nussloch (DE). HÄFNER, Stefan [DE/DE]; Luitpoldstr. 11, 67063 Ludwigshafen (DE).

- (74) SCHWEIGER Georg; Reitsstötter, Kinzebach & Partner (Gbr), Sternwartstrasse 4, 81679 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C12P 41/00, C07D 309/04, C12P 17/06, 7/04

- (11) WO 03/087387 (13) A1

- (21) PCT/IN02/00103

- (22) 8 Apr/avr 2002 (08.04.2002)

- (25) en (26) en

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CHEMO-ENZYMATIC SYNTHESIS OF OPTICALLY ENRICHED ROSE-OXIDES

• SYNTHÈSE CHIMIO-ENZYMATIQUE D'OXYDE DE ROSE ENRICHI PAR VOIE OPTIQUE

- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

- (72) TANEJA, Shubash, Chandra; Regional Research Laboratory, Jammu (IN). SETHI, Vijay, Kumar; Regional Research Laboratory, Jammu (IN). KOUL, Surrinder; Regional Research Laboratory, Jammu (IN). ANDOTRA, Samar, Singh; Regional Research Laboratory, Jammu (IN). QAZI, Ghulam, Nabi; Regional Research Laboratory, Jammu (IN).

- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C12Q

- (11) WO 03/087388 (13) A2

- (21) PCT/US02/20690

- (22) 28 Jun/juin 2002 (28.06.2002)

- (25) en (26) en

- (30) 60/302,909 3 Jul/juil 2001 US (03.07.2001)

- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • BIOLUMINESCENCE REGENERATIVE CYCLE (BRC) FOR NUCLEIC ACID QUANTIFICATION

• CYCLE REGENERATEUR DE BIOLUMINESCENCE (BRC) POUR LA QUANTIFICATION D'ACIDES NUCLEIQUES

- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD UNIVERSITY

- [US/US]; 900 Welch Road, Suite 350, Palo Alto, CA 94303 (US).
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- (72, 75) **HASSIBI, Arjang** [CA/US]; 3352 Alma Street, Apt. 240, Palo Alto, CA 94306 (US).
POURMAND, Nader [SE/US]; 23 Dover Court, San Carlos, CA 94070 (US).
- (74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/087390** (13) A2
- (21) PCT/US03/11023
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 10/123,071 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS FOR DETECTING ABNORMALLY METHYLATED NUCLEIC ACID IN HETEROGENEOUS BIOLOGICAL SAMPLES
• PROCEDES DE DETECTION D'ACIDE NUCLEIQUE ANORMALEMENT METHYLE DANS DES ECHANTILLONS BIOLOGIQUES HETEROGENES
- (71) **EXACT SCIENCES CORPORATION** [US/US]; 63 Great Road, Maynard, MA 01754 (US).
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- (72, 75) **SHUBER, Anthony, P.** [US/US]; 6 Parker Road, Mendon, MA 01756 (US).
- (74) **WALLER, Patrick, R., H.;** Testa, Hurwitz & Thibault, L.L.P., High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/087389** (13) A2
- (21) PCT/US03/10729
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,882 8 Apr/avr 2002 US (08.04.2002)
- (30) 60/394,315 8 Jul/juil 2002 US (08.07.2002)
- (30) 60/428,296 22 Nov/nov 2002 US (22.11.2002)
- (30) 10/378,044 28 Feb/fév 2003 US (28.02.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BIOLOGIC MODULATIONS WITH NANOPARTICLES
• MODULATIONS BIOLOGIQUES A L'AIDE DE NANOPARTICULES
- (71) **GENESEQUEST, INC.** [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US).
OLIGOS ETC., INC. [US/US]; 9775 SW Commerce Circle, C-6, Wilsonville, OR 97070 (US).
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- (72, 75) **UNGER, Gretchen, M.** [US/US]; 3180 High Point Drive, Chaska, MN 55318-9476 (US).
DALE, Roderic, M., K. [US/US]; 26761 S.W. 45th Drive, Wilsonville, OR 97070 (US).
THOMPSON, Theresa, L. [US/US]; 2222 S.W. Ek Road, West Linn, OR 97068 (US).
- (74) **HERBERT, Curtis, B.** et al. / etc.; Patterson, Thuente, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/087391** (13) A2
- (21) PCT/US03/11225
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 10/121,214 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HYDROPHOBIC ZONE DEVICE
• DISPOSITIF PRESENTANT UNE REGION HYDROPHOBE
- (71) **GENEOHM SCIENCES** [US/US]; 6146 Nancy Ridge Lane, Suite 101, San Diego, CA 92121 (US).
- (72) **YANG, Xing;** 7285 Charmant Drive, #212, San Diego, CA 92122 (US).
- (74) **HUNT, Dale, C.;** KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/087392** (13) A2
- (21) PCT/US03/11327
- (22) 13 Apr/avr 2003 (13.04.2003)
- (25) en (26) en
- (30) 60/372,348 12 Apr/avr 2002 US (12.04.2002)
- (30) 60/437,348 31 Dec/déc 2002 US (31.12.2002)
- (30) 60/437,350 31 Dec/déc 2002 US (31.12.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MODULATION OF STEM AND PROGENITOR CELL DIFFERENTIATION, ASSAYS, AND USES THEREOF
• MODULATION DE LA DIFFERENCIATION DE CELLULES SOUCHES ET PROGENITRICES, ANALYSES ET UTILISATIONS CORRESPONDANTES
- (71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).
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- (72, 75) **HARIRI, Robert, J.** [US/US]; 5 Heritage Road, Florham Park, NJ 07932 (US).
STIRLING, David, I. [GB/US]; 3281 Round Hill Road, Branchburg, NJ 08876 (US).
CHAN, Kyle, W., H. [US/US]; 3922 Montefrio Court, San Diego, CA 92130 (US).
MOUTOUH-DE PARSEVAL, Laure, A. [FR/US]; 9608 Caminito Del Feliz, San Diego, CA 92121 (US).
- (74) **INSOGNA, Anthony, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q

(11) WO 03/087393 (13) A2

(21) PCT/US03/09451

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/371,013 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HUMAN TISSUE UROKINASE TYPE PLASMINOGEN ACTIVATOR PRODUCTION

• PRODUCTION D'ACTIVATEURS DE PLASMINOGENE DU TYPE UROKINASE TISSULAIRE HUMAINE

(71) GLOBAL BIOTECH INC. [—/—]; 19F, No. 100, Sec. 1, Hsin-Tai-Wu Road, Hsichih, Taipei Hsien 221 (TW).

(72, 75) HUNG, Paul, Porwen [US/US]; 506 Ramblewood Drive, Bryn Mawr, PA 19010 (US). WU, Bryan, T., H. [—/—]; No. 36 Lane 187, Chung-Chang Road, Shihlin, Taipei 111 (TW).

(74) TSAO, Y., Rocky, Tsao; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12Q 1/00, 1/48, 1/02

(11) WO 03/087394 (13) A1

(21) PCT/EP03/03988

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 60/372,662 15 Apr/avr 2002 US (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF IDENTIFYING A MODULATOR FOR A SERINE/THERONINE KINASE

• PROCEDE POUR IDENTIFIER UN MODULATEUR DE SERINE/THREONINE KINASE

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUDA, Mikiya [JP/JP]; Tsukuba Research Laboratories, 43 Wadai, Tsukuba-shi, Ibaraki (JP). SHIBAHARA, Megumi [JP/JP]; Tsukuba Research Laboratories, 43 Wadai, Tsukuba-shi, Ibaraki (JP).

(74) WATERS, David, Martin; Corporate Intellectual Property, GlaxoSmithKline, 980 Great West Roadurt, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/00

(11) WO 03/087395 (13) A2

(21) PCT/IB03/02972

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 60/372,483 15 Apr/avr 2002 US (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS TO IDENTIFY ANTI-TUMORAL AGENTS INHIBITING RASGAP / AURORA KINASE INTERACTIONS

• PROCEDES D'IDENTIFICATION D'AGENTS ANTITUMORAUX INHIBITEURS DES INTERACTIONS DE RASGAP AVEC LA KINASE AURORA

(71) INSERM [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR).

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(72, 75) GARBAY, Christiane [FR/FR]; 12, passage de la Fonderie, F-75011 Paris (FR). GIGOUX, Véronique [FR/FR]; 10, rue

Molière, F-92400 Courbevoie (FR). CAMONIS, Jacques [FR/FR]; 18, rue Clapeyron, F-75008 Paris (FR). L'HOSTE, Sébastien [FR/FR]; 8-10 rue Richemont, F-75013 Paris (FR). SAMSON, Jérôme [FR/FR]; 48 boulevard Pasteur, F-75015 Paris (FR).

(74) BREESÉ, Pierre et al. / etc.; Breesé-Majerowicz, 3 avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/00, 1/60, C12N 1/00, G01N 33/53

(11) WO 03/087396 (13) A1

(21) PCT/US03/11443

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,628 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EX VIVO METHOD FOR DETERMINATION OF CETP ACTIVITY AND EFFICACY OF HEART DISEASE TREATMENT

• PROCEDE EX VIVO PERMETTANT DE DETERMINER L'ACTIVITE DE CETP ET L'EFFICACITE D'UN TRAITEMENT D'UNE CARDIOPATHIE

(71) ROAR HOLDING LLC [US/US]; Audubon Biomedical Center, 3960 Broadway, New York, NY 10032 (US).

(72) BROCIA, Robert, W.; 15 Moore Road, Bronxville, NY 10708 (US).

(74) LAU, Kawai et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/02, 1/68

(11) WO 03/087397 (13) A2

(21) PCT/NL03/00264

(22) 8 Apr/avr 2003 (08.04.2003)

(25) nl (26) en

(30) 1020415 17 Apr/avr 2002 NL
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS CONTROL BASED ON MICROBIOLOGICAL ACTIVITY

• CONTROLE DE PROCESSUS BASE SUR L'ACTIVITE BIOLOGIQUE

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

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(72, 75) MONTIJN, Roy, Christiaan [NL/NL]; Werengouw 9, NL-1024 NL Amsterdam (NL). SCHUREN, Frank, Henri, Johan [NL/NL]; Bachlaan 34, NL-3906 ZK Veenendaal (NL).

(74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/24

(11) WO 03/087398 (13) A2

(21) PCT/GB03/01445

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 0207813.7 4 Apr/avr 2002 GB
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTROCHEMICAL DETECTOR SYSTEMS

• SYSTEMES ELECTROCHIMIQUES DE DETECTION

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(74) BRAND, Thomas Louis et al. / etc.; W P Thompson & Co, Coopers Building, Church Street, Liverpool L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/26, A61K 31/03, 31/12, A61P 3/10

(11) WO 03/087399 (13) A1

(21) PCT/SE03/00618

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 0201152-6 17 Apr/avr 2002 SE
(17.04.2002)

(30) 60/410,626 13 Sep/sep 2002 US
(13.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NAD(P)H OXIDASE INHIBITORS FOR INCREASED GLUCOSE UPTAKE AND TREATMENT OF TYPE II DIABETES

• INHIBITEURS DES NAD(P)H OXYDASES PERMETTANT UNE FIXATION ACCRUE DU GLUCOSE ET LE TRAITEMENT DES DIABETES DE TYPE II

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(74) HÖGLUND, Lars; Biovitrum AB, S-112 76 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/48

(11) WO 03/087400 (13) A1

(21) PCT/GB03/01286

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0208104.0 9 Apr/avr 2002 GB
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND REAGENTS FOR ASSAYING PROTEIN KINASE ACTIVITY

• METHODES ET REACTIFS POUR DOSER L'ACTIVITE D'UNE PROTEINE KINASE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/60

(11) WO 03/087401 (13) A1

(21) PCT/US03/10420

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/371,093 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH-DENSITY LIPOPROTEIN ASSAY DEVICE AND METHOD

• PROCEDE ET DISPOSITIF DE DOSAGE DE LIPOPROTEINES A DENSITE ELEVEE

(71) CHOLESTECH CORPORATION [US/US]; 3347 Investment Blvd., Hayward, CA 94545-3808 (US).

(72) JONES, Ronald, M.; 13175 Franklin Avenue, Mountain View, CA 94040 (US). WORTHY, Thomas, E.; 347 Menlo Court, Walnut Creek, CA 94598 (US). SHINDEL-MAN, Jeff; 6924 Lariat Lane, Castro Valley, CA 94552 (US). BELLET, Neal; 2566 Comistas Drive, Walnut Creek, CA 94598 (US). NUGENT, Anthony; 5308 Aspen Street, Dublin, CA 94568 (US).

(74) GORTHEY, Leeann et al. / etc.; Perkins Coie LLP, P.O. Box 2168, Menlo Park, CA 94026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/371,428 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE PREPARATION OF REAGENTS FOR AMPLIFICATION AND/OR DETECTION OF NUCLEIC ACIDS THAT EXHIBIT NO SIGNIFICANT CONTAMINATION BY NUCLEIC ACIDS

• PROCEDE DE PREPARATION DE REACTIFS POUR L'AMPLIFICATION ET/OU LA DETECTION D'ACIDE NUCLEIQUES NE PRESENTANT AUCUNE CONTAMINATION IMPORTANTE PAR DES ACIDES NUCLEIQUES

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(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montréal, Québec, H4Z 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

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(25) en (26) en

(30) 02008553.6 16 Apr/avr 2002 EP (16.04.2002)

(30) 60/372,424 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIAGNOSTIC AND THERAPEUTIC USE OF A GOLGI PROTEIN FOR NEURODEGENERATIVE DISEASES

• DIAGNOSTIC ET UTILISATION THERAPEUTIQUE D'UNE PROTEINE GOLGI POUR DES MALADIES NEURODEGENERATIVES

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(72, 75) VON DER KAMMER, Heinz [DE/DE]; Verbindungsstr. 6d, 22607 Hamburg (DE). POHLNER, Johannes [DE/DE]; Quittenweg 11, 22175 Hamburg (DE).

(74) MEYERS, Hans-Wilhelm et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 03/087404 (13) A1

(21) PCT/EP03/04007

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,206 17 Apr/avr 2002 US (17.04.2002)

(30) 60/431,583 6 Dec/déc 2002 US (06.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS TO PREDICT PATIENT RESPONSIVENESS TO TYROSINE KINASE INHIBITORS

• PROCEDES PERMETTANT DE PREVOIR LA FACULTE DE REPONSE DE PATIENTS A DES INHIBITEURS DE TYROSINE KINASE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(72, 75) DRESSMAN, Marlene, Michelle [US/US]; 18005 Red Rocks Drive, Germantown, MD 20874 (US). MCLEAN, Lee, Anne [US/US]; 20412 Shore Harbour Drive, Unit 7A, Germantown, MD 20874 (US). POLYMERPOULOS, Mihael, Hristos

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(74) GROS, Florent; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PH PL PT RO RU SC SE SG SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(25) de (26) de

(30) 102 17 102.5 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CHARACTERIZING PRIMARY TUMORS

• PROCEDE DE CARACTERISATION DE TUMEURS PRIMAIRES

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(72, 75) TIDOW, Nicola [DE/DE]; Lortzingstrasse 27, 48161 Münster (DE). SCHMIDT, Hartmut [DE/DE]; Albert Schweitzer Strasse 39, 49124 Georgsmarienhütte (DE). SEMJONOW, Axel [DE/DE]; Heroldstrasse 30, 48163 Münster (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, G01N 33/53, 33/68, A01K 67/027, A61K 35/00

(11) WO 03/087406 (13) A1

(21) PCT/EP03/04058

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02008701.1 18 Apr/avr 2002 EP (18.04.2002)

(30) 60/373,375 18 Apr/avr 2002 US (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIAGNOSTIC AND THERAPEUTIC USE OF AN ATP-BINDING CASSETTE GENE AND PROTEIN FOR NEURODEGENERATIVE DISEASES

• UTILISATION DIAGNOSTIQUE ET THERAPEUTIQUE D'UNE PROTEINE ET D'UN GENE DE CASSETTE DE LIAISON DE L'ATP POUR LES MALADIES NEURODEGENERATIVES

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(74) MEYERS, Hans-Wilhelm et al. / etc.; Patent Attorneys, von Kreisler Selting Werner, P. O. Box 10 22 41, 50462 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

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(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0208364.0 11 Apr/avr 2002 GB (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVEMENTS IN AND RELATING TO METHODS AND APPARATUS FOR GENOTYPING

• AMELIORATIONS RELATIVES A DES PROCÉDES ET A UN APPAREIL DE GENOTYPAGE

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(74) PAWLYN, Anthony, Neil; Urquhart-Dykes & Lord, Tower House, Merriion Way, Leeds LS2 8PA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, A61K 38/00, 48/00, 39/395, A01K 67/027, G01N 33/53

(11) WO 03/087408 (13) A2

(21) PCT/GB03/01543

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) GB 0207902.8 5 Apr/avr 2002 GB (05.04.2002)

(30) GB 0207904.4 5 Apr/avr 2002 GB (05.04.2002)

(30) GB 0207900.2 5 Apr/avr 2002 GB (05.04.2002)

(30) GB 0207901.0 5 Apr/avr 2002 GB (05.04.2002)

(30) GB 0227734.1 28 Nov/nov 2002 GB (28.11.2002)

(30) GB 0227733.3 28 Nov/nov 2002 GB (28.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SCHIZOPHRENIA ASSOCIATED GENES

• GENES ASSOCIES A LA SCHIZOPHRENIE

(71) UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH [GB/GB]; Old College, South Bridge, Edinburgh EH8 9YL (GB).

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(72, 75) PICKARD, Benjamin, Simon [GB/GB]; 2 Noble Place, Edinburgh EH6 8AX (GB). BLACKWOOD, Douglas [GB/GB]; 7 Pitsligo Road, Edinburgh EH10 4RY (GB). PORTEOUS, David, John [GB/GB]; Cherrytrees, 8 Cammo Gardens, Edinburgh EH4 8EH (GB). MUIR, Walter, John [GB/GB]; Chestnuts, Eshiels, Peebles, Tweeddale EH45 8NA (GB). MORS, Ole [DK/DK]; Permelillevej 7, DK-8240 Risskov (DK). EWALD, Henrik, Lykke [DK/DK]; Montanagade 9, DK-8000 Aarhus C (DK).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 03/087409 (13) A1

(21) PCT/NL03/00253

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 02076336.3 5 Apr/avr 2002 EP (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DETECTION OF POLYMORPHISMS

• DETECTION DE POLYMORPHISMES

(71) ID-LELYSTAD, INSTITUUT VOOR DIERHOUDERIJ EN DIERGEZONDHEID B.V. [NL/NL]; Edelhertweg 15, NL-8219 PH Lelystad (NL).

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(72, 75) AGBO, Edwin, Chukwura [NL/NL]; Bongerd 105, NL-8212 BE Lelystad (NL). TE PAS, Marinus, Frederick, Willem [NL/NL]; Groeneveldstraat 16, NL-3882 XG Putten (NL). SMITS, Marinus, Adrianus [NL/NL]; Mastmeen 18, NL-3844 KE Harderwijk (NL).

(74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, C12M 1/34

(11) WO 03/087410 (13) A1

(21) PCT/US03/11384

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,711 11 Apr/avr 2002 US (11.04.2002)

(30) 60/457,847 24 Mar/mar 2003 US (24.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND DEVICES FOR PERFORMING CHEMICAL REACTIONS ON A SOLID SUPPORT

- TECHNIQUES ET DISPOSITIFS PERMETTANT DE REALISER DES REACTIONS CHIMIQUES SUR UN SUPPORT SOLIDE

(63) US 60/372,711 (CIP)
11 Apr/avr 2002 (11.04.2002)
US 60/457,847 (CIP)
24 Mar/mar 2003 (24.03.2003)

(71) SEQUENOM, INC. [US/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIN, Chao [US/US]; 10676 Hunters Glen Drive, San Diego, CA 92130 (US).
OPALSKY, David [US/US]; 10552 Corte Jardin Del Mar, San Diego, CA 92130 (US).
HEANEY, Paul [US/US]; 325 Punta Baja Drive, Solana Beach, CA 92075 (US).
BRUCE, Phillip, III [US/US]; 14834 Summerbreeze Way, San Diego, CA 92128 (US).
GRISWOLD, Charles [US/US]; 3744 7th Avenue #, San Diego, CA 92103 (US).
MACZUSZENKO, Andrzej [CA/CA]; 20 Rowse Crescent, Toronto, Ontario M9P 3L5 (CA).
WALKER, Sheila, A. [US/US]; 4060 Terrace Court, San Diego, CA 92116 (US).
WÖRL, Ralf [DE/US]; 4277 Fanuel Street, San Diego, CA 92109 (US).

(74) BEUERLE, Stephen C.; PROCOPIO, CORY, HARGREAVES & SAVITCH LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL

PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12Q 1/68, A01N 43/04, C07H 21/04, A61K 31/07

(11) WO 03/087411 (13) A1

(21) PCT/US03/11393

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/122,630 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD TO INHIBIT CELL GROWTH USING OLIGONUCLEOTIDES

• PROCEDE D'INHIBITION DE CROISSANCE CELLULAIRE AU MOYEN D'OLIGONUCLEOTIDES

(71) TRUSTEES OF BOSTON UNIVERSITY A MASSACHUSETTS CORPORATION [US/US]; One Sherborn Street, Boston, MA 02215 (US).

(71) GILCHRIST, Barbara, A. [US/US]; 343 Commercial Street, Union Wharf #27, Boston, MA 02109 (US).
(only for / seulement pour US)

(72, 75) ELLER, Mark, S. [US/US]; 49 Warren Avenue, No. 4, Boston, MA 02116 (US).
YAAR, Mina [US/US]; 53 Lantern Lane, Sharon, MA 02067 (US).

(74) CLOUGH, David, W. et al. / etc.; Katten Muchin Zavis Rosenman, 525 West Monroe Street, Suite 1600, Chicago, IL 60661-3693 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12Q 1/68

(11) WO 03/087412 (13) A2

(21) PCT/US03/09548

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 60/371,641 10 Apr/avr 2002 US (10.04.2002)

(30) 10/293,960 13 Nov/nov 2002 US (13.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MUTATION DETECTION AND IDENTIFICATION

• DETECTION ET RECONNAISSANCE DE MUTATIONS

(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) SORENSON, Jon, M.; 473 Jean Street, #203, Oakland, CA 94610 (US).

(74) Hunt, Dale, C. et al. / etc.; 2040 Main Street, 14th Floor Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C14B 17/02, 1/04, 1/10

(11) WO 03/087413 (13) A1

(21) PCT/FI03/00275

(22) 11 Apr/avr 2003 (11.04.2003)

(25) sv (26) en

(30) 20020709 12 Apr/avr 2002 FI (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROTARY DEFLESHING CUTTER
• DISPOSITIF DE DECOUPE A ECHARNER ROTATIF

(71) OY ERCO-MEK AB [FI/FI]; Långmossvägen 260, FIN-65450 Solf (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDTSJÖ, Göran [FI/FI]; Åsgatan 17, FIN-65230 Vasa (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21C 3/00

(11) WO 03/087414 (13) A1

(21) PCT/JP03/04040

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-94834 29 Mar/mar 2002 JP
(29.03.2002)(30) 2002-95162 29 Mar/mar 2002 JP
(29.03.2002)(30) 2002-144203 20 May/mai 2002 JP
(20.05.2002)(30) 2002-313067 28 Oct/oct 2002 JP
(28.10.2002)(30) 2003-86307 26 Mar/mar 2003 JP
(26.03.2003)(30) 2003-86308 26 Mar/mar 2003 JP
(26.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH TENSILE STEEL EXCELLENT
IN HIGH TEMPERATURE STRENGTH
AND METHOD FOR PRODUCTION
THEREOF

• ACIER A HAUTE RESISTANCE PRE-
SENTANT UNE EXCELLENTE RE-
SISTANCE AUX TEMPERATURES
ELEVÉES ET PROCEDE DE PRODU-
TION DE CELUI-CI

(71) NIPPON STEEL CORPORATION
[JP/JP]; 6-3, Otemachi 2-chome, Chi-
yoda-ku, Tokyo 100-8071 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIZUTANI, Yasushi [JP/JP]; C/O
NIPPON STEEL CORPORATION KIM-
ITSU WORKS, 1, Kimitsu, Kimitsu-shi,
Chiba 299-1141 (JP). UEMORI, Ryuji
[JP/JP]; C/O NIPPON STEEL CORPO-
RATION KIMITSU WORKS, 1, Kimitsu,
Kimitsu-shi, Chiba 299-1141 (JP). KU-
MAGAI, Tatsuya [JP/JP]; C/O NIPPON
STEEL CORPORATION Technical Devel-
opment Bureau, 20-1, Shintomi, Futtsu-shi,
Chiba 293-8511 (JP). OKADA, Tadayoshi
[JP/JP]; C/O NIPPON STEEL CORPO-
RATION Technical Development Bureau, 20-1,
Shintomi, Futtsu-shi, Chiba 293-8511 (JP).
WATANABE, Yoshiyuki [JP/JP]; C/O NIP-
PON STEEL CORPORATION KIMITSU
WORKS, 1, Kimitsu, Kimitsu-shi, Chiba
299-1141 (JP). TERADA, Yoshio [JP/JP];
C/O NIPPON STEEL CORPORATION
KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi,
Chiba 299-1141 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37
Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ C21D 6/00, C22C 38/00, 38/50

(11) WO 03/087415 (13) A1

(21) PCT/JP03/04671

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110495 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING
MARTENSITIC STAINLESS STEEL

• PROCEDE DE PRODUCTION D'ACIER
MARTENSITIQUE INOXYDABLE

(71) SUMITOMO METAL INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TANIDA, Mutsumi [JP/JP]; c/o Sum-
itomo Metal Industries, Ltd., 5-33, Kita-
hama 4-chome, Chuo-ku, Osaka-shi, Osaka
541-0041 (JP).

(74) HONOU, Terutada et al. / etc.; Hon-
oue Patent Office, Sumitomoseimei-Ama-
gasaki Building, 17-23, Higashinaniwa-cho
5-chome, Amagasaki-shi, Hyogo 660-0892
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C22B 3/12, 3/00, 11/08

(11) WO 03/087416 (13) A1

(21) PCT/AU03/00435

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) PS 1674 11 Apr/avr 2002 AU
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR EXTRACTING PLAT-
INUM GROUP METALS

• PROCEDE D'EXTRACTION DE ME-
TAUX DU GROUPE DU PLATINE

(71) PLATINUM AUSTRALIA LTD [AU/AU];
Level 2, 18 Richardson Street, West Perth,
Western Australia 6005 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEWINS, John, Derek [AU/AU]; 9
Cowie Crescent, Mount Pleasant, Western
Australia 6153 (AU).

(74) GRIFFITH HACK; 256 Adelaide Terrace,
Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM

CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

(51)⁷ C22C 21/02, 21/04

(11) WO 03/087417 (13) A1

(21) PCT/US03/10372

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/120,226 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH STRENGTH ALUMINUM AL-
LOY FOR HIGH TEMPERATURE AP-
PLICATIONS

• ALLIAGE D'ALUMINIUM A HAUTE
RESISTANCE MECANIQUE POUR
APPLICATIONS A HAUTE TEMPERA-
TURE

(71) THE UNITED STATES OF AMER-
ICA AS REPRESENTED BY THE AD-
MINISTRATOR OF THE NATIONAL
AERONAUTICS AND SPACE ADMINIS-
TRATION (NASA) [US/US]; 300 E Street
SW, Washington, DC 20546 (US).

(72) LEE, Jonathan, A.; 532 Brenda Drive,
Madison, AL 35758 (US). CHEN, Po-Shou;
9421 O'Jay Drive, Huntsville, AL 35803
(US).

(74) MCGROARY, James, J.; National Aero-
nautics and Space Administration, Marshall
Space Flight Center, LS01/Office of Chief
Counsel, Marshall Space Flight Center, AL
35812 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C22C 38/00, G02B 6/44, H01B 7/14, 7/18,
11/22

(11) WO 03/087418 (13) A1

(21) PCT/JP03/00215

(22) 14 Jan/jan 2003 (14.01.2003)

- (25) ja (26) ja
- (30) 2002/110657 **12 Apr/avr 2002** JP
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEFORMED WIRE FOR REINFORCING LAND OPTICAL FIBER CABLE
• FIL DEFORME DESTINE AU RENFORCEMENT DE CABLE TERRESTRE A FIBRES OPTIQUES
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). NAMITEI CO., LTD. [JP/JP]; 2-23, Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHASHI, Shoichi [JP/JP]; C/O NIPPON STEEL CORPORATION KAMAISHI WORKS, 23-15, Suzukocho, Kamaishi-shi, Iwate 026-8567 (JP). MURAO, Masatsugu [JP/JP]; C/O NAMITEI CO., LTD., 2-23, Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP). HONDA, Michiyasu [JP/JP]; C/O NAMITEI CO., LTD., 2-23, Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ C22C 38/00, G02B 6/44, H01B 7/14, 7/18, 11/22
- (11) WO 03/087419 (13) A1
- (21) PCT/JP03/00216
- (22) 14 Jan/jan 2003 (14.01.2003)
- (25) ja (26) ja
- (30) 2002/110807 **12 Apr/avr 2002** JP
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEFORMED WIRE FOR REINFORCING MARINE OPTICAL FIBER CABLE
• FIL DEFORME DESTINE AU RENFORCEMENT DE CABLE MARIN EN FIBRES OPTIQUES
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). NAMITEI CO., LTD. [JP/JP]; 2-23, Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP). OCC CORPORATION [JP/JP]; 3-5, Minatomirai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-6215 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHASHI, Shoichi [JP/JP]; C/O NIPPON STEEL CORPORATION KAMAISHI WORKS, 23-15, Suzukocho, Kamaishi-shi, Iwate 026-8567 (JP). DEMACHI, Hitoshi [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). MURAO, Masatsugu [JP/JP]; C/O NAMITEI CO., LTD., 2-23, Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP). HONDA, Michiyasu [JP/JP]; C/O NAMITEI CO., LTD., 2-23,
- Nishizutsumi 2-chome, Higashiosaka-shi, Osaka 577-0042 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ C22C 38/00, C21D 8/12, H01F 1/16
- (11) WO 03/087420 (13) A1
- (21) PCT/JP03/04039
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (30) 2002-92809 **28 Mar/mar 2002** JP
(28.03.2002)
- (30) 2002-238101 **19 Aug/août 2002** JP
(19.08.2002)
- (30) 2002-299367 **11 Oct/oct 2002** JP
(11.10.2002)
- (30) 2002-328477 **12 Nov/nov 2002** JP
(12.11.2002)
- (30) 2002-332555 **15 Nov/nov 2002** JP
(15.11.2002)
- (30) 2003-49638 **26 Feb/fév 2003** JP
(26.02.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DIRECTIONAL HOT ROLLED MAGNETIC STEEL SHEET OR STRIP WITH EXTREMELY HIGH ADHERENCE TO COATING AND PROCESS FOR PRODUCING THE SAME
• BANDE OU FEUILLE D'ACIER MAGNETIQUE LAMINEE A CHAUD ORIENTEE POSSEDANT UNE TRES GRANDE ADHERENCE AU REVETEMENT ET PROCEDE DE PRODUCTION DE CELLE-CI
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HONMA, Hotaka [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). HIROTA, Yoshiaki [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KONDO, Yasumitsu [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KUBO, Yuji [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). SENUMA, Takehide [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). NAKAMURA, Shuichi [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C22C 38/00, 38/38, C21D 1/06
- (11) WO 03/087421 (13) A1
- (21) PCT/JP03/04527
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) ja (26) ja
- (30) 2002-116065 **18 Apr/avr 2002** JP
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STEEL FOR CASE HARDENING BEARING EXCELLENT IN TOUGHNESS AND ROLLING FATIGUE LIFE IN QUASI-HIGH TEMPERATURE REGION
• ACIER POUR ROULEMENTS CEMENTES D'UNE GRANDE TENACITE ET D'UNE GRANDE LONGEVITE A LA FATIGUE DUE AUX ROULEMENTX DANS LA PLAGE DE TEMPERATURES QUASI ELEVEES
- (71) JFE STEEL CORPORATION [JP/JP]; Hibiya Kokusai Building, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). KOYO SEIKO CO., LTD. [JP/JP]; 5-8, Minamisenba 3-Chome, Chuo-ku, Osaka 542-8502 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUZAKI, Akihiro [JP/JP]; c/o Intellectual Property Dept, JFE STEEL CORPORATION, Hibiya Kokusai Building, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). IWAMOTO, Takashi [JP/JP]; c/o Intellectual Property Dept, JFE STEEL CORPORATION, Hibiya Kokusai Building, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). GOTO, Masao [JP/JP]; c/o KOYO SEIKO CO., LTD., 5-8, Minamisenba 3-Chome, Chuo-ku, Osaka 542-8502 (JP). KIZAWA, Katsuhiko [JP/JP]; c/o KOYO SEIKO CO., LTD., 5-8, Minamisenba 3-Chome, Chuo-ku, Osaka 542-8502 (JP).
- (74) OCHIAI, Kenichiro; c/o Intellectual Property Dept, JFE Steel Corporation, Hibiya Kokusai Building, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C23C 4/12
- (11) WO 03/087422 (13) A1
- (21) PCT/CH03/00175
- (22) 18 Mar/mar 2003 (18.03.2003)

- (25) de (26) de
- (30) 02405297.9 **12 Apr/avr 2002** EP
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PLASMA INJECTION METHOD
• PROCEDE DE PROJECTION AU PLASMA
- (71) **SULZER METCO AG** [CH/CH]; Rigackerstrasse 16, CH-5610 Wohlen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARBEZAT, Gérard** [CH/CH]; Rietgrabenstrasse 62, CH-8152 Opfikon (CH). **REFKE, Arno** [DE/CH]; Feldstrasse 18, CH-5507 Mellingen (CH). **LOCH, Michael** [DE/DE]; Lessingstrasse 10, 79664 Wehr (DE).
- (74) **SULZER MANAGEMENT AG**; CSPAT/0067, Zürcherstrasse 14, CH-8401 Winterthur (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/10(11) **WO 03/087423** (13) A1

(21) PCT/EP03/03872

(22) **15 Apr/avr 2003 (15.04.2003)**

- (25) de (26) de
- (30) 202 05 830.1 **15 Apr/avr 2002** DE
(15.04.2002)
- (30) 102 22 958.9 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 22 964.3 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 22 609.1 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 52 787.3 **13 Nov/nov 2002** DE
(13.11.2002)
- (30) 103 01 559.0 **16 Jan/jan 2003** DE
(16.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR COATING METAL SURFACES AND SUBSTRATE HAVING A COATED METAL SURFACE
• PROCEDE POUR REVETIR DES SURFACES METALLIQUES ET SUBSTRAT A SURFACE METALLIQUE REVETUE
- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)

- (71) **CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) **MUND, Dietrich** [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE). **LEIB, Jürgen** [DE/DE]; Philipp-Dirr-Strasse 44, 85354 Freising (DE).
- (74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C23C 14/10
- (11) **WO 03/087424** (13) A1
- (21) PCT/EP03/03882
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) de (26) de
- (30) 202 05 830.1 **15 Apr/avr 2002** DE
(15.04.2002)
- (30) 102 22 958.9 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 22 964.3 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 22 609.1 **23 May/mai 2002** DE
(23.05.2002)
- (30) 102 52 787.3 **13 Nov/nov 2002** DE
(13.11.2002)
- (30) 103 01 559.0 **16 Jan/jan 2003** DE
(16.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR FORMING HOUSINGS FOR ELECTRONIC COMPONENTS AND ELECTRONIC COMPONENTS THAT ARE HERMETICALLY ENCAPSULATED THEREBY
• PROCEDE DE FORMATION DE BOITIERS DANS LE CADRE DE COMPOSANTS ELECTRONIQUES ET COMPOSANTS ELECTRONIQUES ENCAPSULES HERMETIQUEMENT
- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)

- (71) **CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) **LEIB, Jürgen** [DE/DE]; Philipp-Dirr-Strasse 44, 85354 Freising (DE). **MUND, Dietrich** [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE).
- (74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C23C 14/32
- (11) **WO 03/087425** (13) A1
- (21) PCT/US03/09923
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) en (26) en
- (30) 10/121,443 **10 Apr/avr 2002** US
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FILTERED ION SOURCE
• SOURCE D'IONS A FILTRE
- (71, 72) **SATHRUM, Paul, E.** [US/US]; 742 Kanada Bay, Friday Harbor, WA 98250 (US).
- (74) **WALTERS, Mark, P.**; Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/34

(11) WO 03/087426 (13) A2

(21) PCT/DE03/01216

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 671.4 15 Apr/avr 2002 US
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COATING INSTALLATION

• INSTALLATION DE REVETEMENT

(71) APPLIED FILMS GMBH & CO. KG
[DE/DE]; Siemensstrasse 100, 63755
Alzenau (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GEISLER, Michael [DE/DE]; Trieb-
strasse 63, 63607 Wächtersbach (DE).
KASTNER, Albert [DE/DE]; Hanauer
Landstrasse 37 b, 63457 Hanau (DE).
SZYSZKA, Bernd [DE/DE]; Danzinger
Strasse 24, 38108 Braunschweig (DE).
PFLUG, Andreas [DE/DE]; Berliner Allee
43, 30175 Hannover (DE). MALKOMES,
Niels [DE/DE]; Karlstrasse 75, 38106 Braun-
schweig (DE).

(74) SCHLAGWEIN, Udo; Frankfurter Strasse
34, 61231 Bad Nauheim (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) DE (Utility model /
modèle d'utilité) DK (Utility model /
modèle d'utilité) DM DZ EC EE (Utility model
/ modèle d'utilité) EE ES FI (Utility model /
modèle d'utilité) FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK (Utility model / modèle
d'utilité) SK SL TJ TMTN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C23C 16/00

(11) WO 03/087427 (13) A2

(21) PCT/US03/10786

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/119,382 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LASER DRILLED SURFACES FOR
SUBSTRATE PROCESSING CHAM-
BERS

• SURFACES PERCEES AU LASER DES-
TINEES A DES CHAMBRE DE TRAI-
TEMENT DE SUBSTRAT

(71) APPLIED MATERIALS, INC. [US/US];
P.O. Box 450A, Santa Clara, CA 95052 (US).

(72) WANG, Hong; 10355 Cherrytree Lane,
Cupertino, CA 95014 (US). HE, Yongxiang;
1525 New Brunswick Avenue, Sunnyvale,
CA 94087 (US). LIN, Yixing; 18026 King
Court, Saratoga, CA 95070 (US). WEL-
DON, Edwin, C.; 23613 Skyview Terrace,
Los Gatos, CA 95030 (US). STOW, Clifford;
480 North Winchester Boulevard, #5, Santa
Clara, CA 95050 (US).

(74) BERNADICOU, Michael, A. et al. / etc.;
Blakely, Sokoloff, Taylor & Zafman LLP,
12400 Wilshire Boulevard, 7th floor, Los
Angeles, CA 90025 (US).

(81) CN JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C23C 16/448

(11) WO 03/087428 (13) A1

(21) PCT/US03/10884

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,056 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOURCE GAS DELIVERY

• APPORT DE SOURCE GAZEUSE

(71) WAFERMASTERS, INC. [US/US]; 246
East Gish Road, San Jose, CA 95112 (US).

(72) YOO, Woo, Sik; 3090 Stelling Drive, San
Jose, CA 95112 (US).

(74) LOPEZ, Theodore, P. et al. / etc.; MacPh-
erson Kwok Chen & Heid LLP, 2001 Gateway
Place, Suite 195E, San Jose, CA 95110 (US).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C23C 16/455

(11) WO 03/087429 (13) A1

(21) PCT/KR03/00689

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ko (26) en

(30) 10-2002-0018785 6 Apr/avr 2002 KR
(06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC VALVE CONTROL SYS-
TEM IN PLASMA CHEMICAL VAPOR
DEPOSITION SYSTEM AND CHEM-
ICAL VAPOR DEPOSITION SYSTEM
FOR DEPOSITION OF NANO-SCALE
MULTILAYER FILM

• SYSTEME DE COMMANDE DE SOU-
PAPE AUTOMATIQUE AU SEIN D'UN
SYSTEME DE DEPOT CHIMIQUE
EN PHASE VAPEUR ASSISTE PAR
PLASMA ET DE DEPOT CHIMIQUE
EN PHASE VAPEUR SERVANT A DE-
POSER UN FILM MULTICOUCHE
NANOMETRIQUE

(71, 72) LEE, Jung Joong [KR/KR];
Wooseong Apt. 301-1510, Shinjeong-dong,
Yangcheon-ku, Seoul 158-070 (KR).

(72, 75) LIM, Ju Wan [KR/KR]; Seoul Na-
tional University 131-405, San 56-1, Shinrim
9-dong, Kwanak-ku, Seoul 151-742 (KR).
LEE, Seung, Hoon [KR/KR]; Seoul Na-
tional University 131-405, San 56-1, Shinrim
9-dong, Kwanak-ku, Seoul 151-742 (KR).

(74) LEE, Jae Hwa; 4th Floor, Duck chun B/D,
718-10 Yoksam 1-dong, Kangnam-ku, Seoul
135-081 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SK
SL TJ TM TR TT TZ UA UG US UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C23C 16/46, H01L 21/205

(11) WO 03/087430 (13) A1

(21) PCT/JP03/04774

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113414 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESSING SYSTEM, PROCESSING
METHOD AND MOUNTING MEMBER

• SYSTEME DE TRAITEMENT, PRO-
CEDE DE TRAITEMENT ET ELEMENT
DE MONTAGE

(71) TOKYO ELECTRON LIMITED [JP/JP];
3-6, Akasaka 5-chome, Minato-ku, Tokyo
107-8481 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANNAN, Hiroshi [JP/JP]; c/o Tokyo
Electron Limited, 3-6, Akasaka 5-chome, Mi-
nato-ku, Tokyo 107-8481 (JP).

(74) KIMURA, Mitsuru; 2nd Floor, Kyohan
Building, 7, Kandanshiki-cho 2-chome,
Chiyoda-ku, Tokyo 101-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C23C 16/511, H01Q 21/00, C23C 16/455,
16/40, 16/34

(11) WO 03/087431 (13) A2

(21) PCT/US03/09913

(22) 31 Mar/mar 2003 (31.03.2003)

- (25) en (26) en
- (30) 10/121,320 **11 Apr/avr 2002** US
(11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEPOSITION METHODS UTILIZING MICROWAVE EXCITATION, AND DEPOSITION APPARATUSES
- APPAREILS ET PROCEDES DE DEPOT CHIMIQUE PAR EXCITATION PAR MICRO-ONDES
- (71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716 (US).
- (72) CARPENTER, Craig, M.; 4186 E. Carnation Ct., Boise, ID 83716 (US). DANDO, Ross, S.; 3113 Teepee Ct., Nampa, ID 83686 (US). CAMPBELL, Philip, H.; 2724 Mule Deer Way, Meridian, ID 83642 (US).
- (74) LATWESEN, David, G. et al. / etc.; Wells, St. John, 601 West First Avenue, Suite 1300, Spokane, WA 99208 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C23C 26/00
- (11) WO 03/087432 (13) A1
- (21) PCT/JP03/04510
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) ja (26) ja
- (30) 2002-110712 **12 Apr/avr 2002** JP
(12.04.2002)
- (30) 2002-324273 **7 Nov/nov 2002** JP
(07.11.2002)
- (30) 2002-324256 **7 Nov/nov 2002** JP
(07.11.2002)
- (30) 2002-324271 **7 Nov/nov 2002** JP
(07.11.2002)
- (30) 2002-324190 **7 Nov/nov 2002** JP
(07.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COVER FOR EXOTHERMIC ARTICLE EXCELLENT IN HEAT ABSORBING PROPERTY AND SURFACE TREATED METAL SHEET THEREFOR, AND APPLICATIONS THEREOF
- COUVERTURE POUR ARTICLE EXOTHERMIQUE PRESENTANT D'EXCELLENTE PROPRIETES D'ABSORPTION DE CHALEUR, FEUILLE METALLIQUE TRAITEE EN SURFACE POUR CETTE COUVERTURE, ET APPLICATIONS ASSOCIEES
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) UEDA, Kohei [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KANAI, Hiroshi [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). TAKAHASHI, Takehiro [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). INOUE, Ikuya [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1141 (JP). TANAKA, Masamoto [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). INADA, Kenji [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1141 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25B 9/00, 11/04, 11/12, 11/00, C25C 7/00, 7/02, C25D 17/00, 17/10, 3/56
- (11) WO 03/087433 (13) A1
- (21) PCT/US03/12450
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 60/372,062 **11 Apr/avr 2002** US
(11.04.2002)
- (30) 10/226,976 **23 Aug/août 2002** US
(23.08.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PLATINUM ELECTRODE AND METHOD FOR MANUFACTURING THE SAME
- ELECTRODE DE PLATINE ET PROCEDE DE FABRICATION
- (71) SECOND SIGHT, LLC [US/US]; 12744 San Fernando Road, Building 3, Sylmar, CA 91342 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ZHOU, Dau, Min [CA/US]; 21648 Farrington Lane, Saugus, CA 91250 (US).
- (74) DUNBAR, Scott, B.; Second Sight, LLC, 12744 San Fernando Road, Building 3, Sylmar, CA 91342 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ C25B 015/02
- (11) WO 03/087434 (13) A1
- (21) PCT/AU03/00444
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) PS1727 **12 Apr/avr 2002** AU
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AN ELECTROCHEMICAL CELL, A POROUS WORKING ELECTRODE AND A PROCESS FOR THE CONVERSION OF A SPECIES FROM ONE OXIDATION STATE TO ANOTHER BY THE ELECTROCHEMICAL OXIDATION OR REDUCTION THEREOF
- PILE ELECTROCHIMIQUE, ELECTRODE DE TRAVAIL POREUSE ET PROCEDE POUR LA CONVERSION D'UNE ESPECE A PARTIR D'UN ETAT D'OXYDATION A UN AUTRE PAR LE BIAIS DE L'OXYDATION ELECTROCHIMIQUE OU DE LA REDUCTION DE CELLE-CI
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEVENS, Gregory, B. [AU/AU]; c/-CSIRO Division of Telecommunications & Industrial Physics, Bradfield Road, Lindfield, NSW 2070 (AU).
- (74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C25C
- (11) WO 03/087435 (13) A2
- (21) PCT/IB03/01479
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) en (26) en

- (30) PCT/IB02/01239 **16 Apr/avr 2002** IB
(**16.04.2002**)
- (30) PCT/IB02/02973 **23 Jul/juillet 2002** IB
(**23.07.2002**)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NON-CARBON ANODES FOR ALUMINIUM ELECTROWINNING AND OTHER OXIDATION RESISTANT COMPONENTS WITH SLURRY-APPLIED COATINGS
- ANODES SANS CARBONE DESTINÉES À L'EXTRACTION ÉLECTROLYTIQUE D'ALUMINIUM ET D'AUTRES COMPOSANTS RESISTANT À L'OXYDATION AVEC DES REVÊTEMENTS APPLIQUÉS EN SUSPENSION
- (71) **MOLTECH INVENT S.A.** [LU/LU]; Rue Adolphe Fischer 6, L-1520 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NGUYEN, Thinh, T.** [CH/CH]; Rte du Grand-Lancy 165b, CH-1213 Onex (CH).
DE NORA, Vittorio [IT/BS]; Sandrigham House, Nassau (BS).
- (74) **CRONIN, Brian**; Moltech S.A., Route de Troinex 9, CH-1227 Carouge (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **C25D 5/48, 17/00, 7/12, C25F 3/30, 7/00**
(11) **WO 03/087436** (13) A1
(21) PCT/US03/10725
(22) **8 Apr/avr 2003 (08.04.2003)**
(25) en (26) en
(30) 60/370,929 **8 Apr/avr 2002** US
(**08.04.2002**)
(30) 60/370,956 **8 Apr/avr 2002** US
(**08.04.2002**)
(30) 60/370,955 **8 Apr/avr 2002** US
(**08.04.2002**)
(30) 60/370,919 **8 Apr/avr 2002** US
(**08.04.2002**)
(30) 60/372,542 **14 Apr/avr 2002** US
(**14.04.2002**)
(30) 60/372,567 **14 Apr/avr 2002** US
(**14.04.2002**)
(30) 60/372,566 **14 Apr/avr 2002** US
(**14.04.2002**)
(30) 60/390,460 **21 Jun/juin 2002** US
(**21.06.2002**)
(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTROPOLISHING AND/OR ELECTROPLATING APPARATUS AND METHODS
- APPAREIL ET PROCÉDES DE POLISSAGE ET/OU DE PLACAGE ÉLECTROLYTIQUES
- (71) **ACM RESEARCH, INC.** [US/US]; Suite 610, 46520 Fremont Boulevard, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, Hui** [US/US]; 340 Jacaranda Drive, Fremont, CA 94539 (US). **NUCH, Voha** [US/US]; 2382 Balme Drive, San Jose, CA 95122 (US). **GUTMAN, Felix** [US/US]; 5237 Mill Creek Lane, San Jose, CA 95136 (US). **AFNAN, Muhammed** [US/US]; 1048 Vuelta Olives, Fremont, CA 94539 (US). **CHOKSHI, Himanshu, J.** [US/US]; 38642 Pickering Court, Fremont, CA 94536 (US). **VAN KERKWIJK, Mark, Jacobus** [US/US]; 24607 Amador Street, #20, Hayward, CA 94544 (US). **KOEHLER, Damon, L.** [US/US]; 39601 Fremont Blvd., Fremont, CA 94538 (US). **YIH, Peihaur** [—/US]; 8 Alpine Road, Boonton, NJ 07005 (US). **NGUYEN, My, Hoang** [VN/US]; 512 Toyon Avenue, # 162, San Jose, CA 95127 (US). **CHANG, Ru, Kao** [US/US]; 397 Preston Drive, Mountain View, CA 94040 (US). **HO, Frederick** [US/US]; 5999 Sorrel Avenue, San Jose, CA 95123 (US).
- (74) **YIM, Peter, J. et al.** / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C25D 7/06, B65H 23/32, 23/24**
(11) **WO 03/087437** (13) A1
(21) PCT/US03/04686
(22) **14 Feb/fév 2003 (14.02.2003)**
(25) en (26) en
(30) 10/116,822 **5 Apr/avr 2002** US
(**05.04.2002**)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WEB PROCESSING METHOD AND APPARATUS
- PROCÉDE ET APPAREIL DE TRAITEMENT DE BANDE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **KING, Gregory F.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HUIZINGA, John S.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

DOBBS, James N.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **ERICKSON, Luther E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **CARLSON, Daniel H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **EHNES, Dale L.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SHREVE, Gary A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SZYMANSKI, Brian E.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ **C25F 1/00, C25D 11/36, 11/34**

(11) **WO 03/087438** (13) A1

(21) PCT/EP02/10195

(22) **11 Sep/sep 2002 (11.09.2002)**

(25) de (26) de

(30) 02008422.4 **12 Apr/avr 2002** EP
(**12.04.2002**)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CLEANING AND PASSIVATING ZINC AND ZINC ALLOY SURFACES

• PROCÉDE DE NETTOYAGE ET DE PASSIVATION DE SURFACES DE ZINC ET D'ALLIAGE DE ZINC

(71, 72) **FRANZ, Wolf-Dieter** [DE/DE]; Brahmweg 15, 82538 Geretsried (DE).

(74) **KÖNIG, SZYNKA, VON RENESSE**; Dirk Szyinka, Sollner Strasse 9, 81479 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C30B 13/00, 11/00, 13/24, 29/52

(11) WO 03/087439 (13) A1

(21) PCT/DE03/00952

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 16 662.5 15 Apr/avr 2002 DE
(15.04.2002)

(30) 102 43 558.8 19 Sep/sep 2002 DE
(19.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING FOR
PRODUCING MONO-CRYSTALLINE
STRUCTURES

• PROCEDE DE PRODUCTION DE
STRUCTURES MONOCRYSTALLINES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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(72, 75) BECK, Thomas [DE/DE]; Jaegerstrasse
25D, 16341 Zepernick (DE). BOSTAN-
JOGLO, Georg [DE/DE]; Odenwaldstrasse
17, 12161 Berlin (DE). COX, Nigel-Philip
[GB/DE]; Gipsstrasse 23B, 10119 Berlin
(DE). WILKENHÖNER, Rolf [DE/DE];
Kaiserin-Aug.-Allee 86b, 10589 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : CN JP EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ C30B 29/36, 19/02

(11) WO 03/087440 (13) A1

(21) PCT/JP03/04551

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-112382 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SILICON CARBIDE SINGLE CRYSTAL
AND METHOD FOR PREPARATION
THEREOF

• MONOCRISTAL DE CARBURE DE SI-
LICIIUM ET PROCEDE DE FABRICA-
TION CORRESPONDANT

(71) SUMITOMO METAL INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUSUNOKI, Kazuhiko [JP/JP]; c/o
SUMITOMO METAL INDUSTRIES, LTD.,
5-33, Kitahama 4-chome, Chuo-ku, Os-
aka-shi, Osaka 541-0041 (JP). MUNETOH,
Shinji [JP/JP]; c/o SUMITOMO METAL IN-
DUSTRIES, LTD., 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
KAMEI, Kazuhito [JP/JP]; c/o SUMIT-
OMO METAL INDUSTRIES, LTD., 5-33,
Kitahama 4-chome, Chuo-ku, Osaka-shi,
Osaka 541-0041 (JP).

(74) HIROSE, Shoichi; Tozan Building, 4-2, Ni-
honbashi Honcho 4-chome, Chuo-ku, Tokyo
103-0023 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C30B 29/60, C09K 11/06, H01J 31/12,
H05B 33/22, G11B 7/00

(11) WO 03/087441 (13) A1

(21) PCT/GB03/01486

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0208481.2 12 Apr/avr 2002 GB
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHOTONIC BANDGAP PHOSPHORS
AND DEVICES

• LUMINOPHORES PHOTONIQUES ET
DISPOSITIFS

(71) BTG INTERNATIONAL LIMITED
[GB/GB]; 10 Fleet Place, Limeburner Lane,
London EC4M 7SB (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILVER, Jack [GB/GB]; 58 Dunstan
Road, Golders Green, London NW11 8AD
(GB). WITHNALL, Robert [GB/GB]; 36
Greyladies Gardens, Wat Tyler Road, Black-
heath, London SE10 8AU (GB).

(74) LEGG, Cyrus, James, Grahame et al. /
etc.; Abel & Imray, 20 Red Lion Street, Lon-
don WC1R 4PQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C30B 33/00, G02B 6/12

(11) WO 03/087442 (13) A1

(21) PCT/US03/08636

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/118,983 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MAKING STOICHIOM-
ETRIC LITHIUM NIOBATE

• PROCEDE DE FABRICATION DE NIO-
BATE DE LITHIUM STOICHIOME-
TRIQUE

(71) CORNING INCORPORATED [US/US]; 1
Riverfront Plaza, Corning, NY 14831 (US).

(72) GADKAREE, Kishor P; 15 Orchard Drive,
Big Flats, NY 14814 (US). SONI, Kamal K;
29 Katie Lane, Painted Post, NY 14870 (US).

(74) SCHAEFERLE, Timothy M; Corning In-
corporated, SP TI 3 1, Corning, NY 14831
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ D01D 5/00, A61L 27/00, A61F 2/06

(11) WO 03/087443 (13) A1

(21) PCT/US03/10698

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,721 11 Apr/avr 2002 US
(11.04.2002)

(30) 10/314,086 6 Dec/déc 2002 US
(06.12.2002)

(30) 10/313,161 6 Dec/déc 2002 US
(06.12.2002)

(30) 10/313,496 6 Dec/déc 2002 US
(06.12.2002)

(30) 10/313,835 6 Dec/déc 2002 US
(06.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COVERING PROCESS USING ELEC-
TROSPINNING OF VERY SMALL
FIBERS

• PROCEDE DE RECOUVREMENT AU
MOYEN DU FILAGE ELECTRONIQUE
DE FIBRES TRES PETITES

(63) US 60/372,721 (CON)

US 11 Apr/avr 2002 (11.04.2002)

US 10/314,086 (CON)

US 6 Dec/déc 2002 (06.12.2002)

US 10/313,161 (CON)

US 6 Dec/déc 2002 (06.12.2002)

US 10/313,496 (CON)

US 6 Dec/déc 2002 (06.12.2002)

(71) SECANT MEDICAL, INC. [US/US]; 700
Park Avenue, Perkasic, PA 18944 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GREENHALGH, Skott, E. [US/US];
700 Park Avenue, Perkasic, PA 18944 (US).

KIEFER, Rob [US/US]; 220 E. Summite Avenue #B22, Telford, PA 18969 (US).
 SCHWARTZ, Robert, S. [US/US]; 1123 Audaz Lane S.W., Rochester, MN 55902 (US).
 FOX, Ann, M. [US/US]; 66 Warden Road, Doylestown, PA 18901 (US).

(74) INSKEEP, James, W.; Oppenheimer Wolff & Donnelly LLP, Suite 700, 840 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D01D 5/06, D01F 6/62, 6/84, 6/92, 1/10, A61L 27/00, A61K 9/70

(11) WO 03/087444 (13) A1

(21) PCT/GB03/01555

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208418.4 11 Apr/avr 2002 GB (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYMERIC FIBRE AND METHOD FOR MAKING SAME
 • FIBRE POLYMÉRIQUE ET SON PROCÉDÉ DE FABRICATION

(71) ASTON UNIVERSITY [GB/GB]; Aston Triangle, Birmingham B4 7ET (GB).
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(72, 75) COOMBES, Allan, Gerald, Arthur [GB/GB]; 10 Elmdene Close, Hatton, Warwick CV35 8XL (GB).
 WILLIAMSON, Matthew, Richard [GB/GB]; 23 Fairview Road, Weymouth, Dorset, DT4 9BN (GB).

(74) WARD, David, I. et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D01F 8/12, 8/14, B43K 1/00, 1/01, 1/12, 7/00, 8/02

(11) WO 03/087445 (13) A1

(21) PCT/US03/08392

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/371,154 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR MAKING NIBS AND INK RESERVOIRS FOR WRITING AND MARKING INSTRUMENTS AND THE RESULTANT PRODUCTS
 • PROCEDE ET APPAREIL DE FABRICATION DE PLUMES ET DE RESERVOIRS D'ENCRE POUR INSTRUMENTS D'ECRITURE ET DE MARQUAGE, ET PRODUITS RESULTANTS

(71) FILTRONA RICHMOND, INC. [US/US]; 1625B Ashton Park Drive, Colonial Heights, VA 23834 (US).

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(72, 75) WARD, Bennett, C. [US/US]; 13500 Stonegate Road, Midlothian, VA 23113 (US).
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 NELSON, Donald, F. [US/US]; 56 Stanmore Road, Richmond, VA 23236 (US).
 NELSON, Raymond, J. [US/US]; 3334 Medway Lane, Powhattan, VA 23139 (US).
 PAYNE, Jackie, F. [US/US]; 14403 Sonnenburg Drive, Chester, VA 23831 (US).
 YANCEY, E. Vaughan [US/US]; 401 Hickory Drive, Manakin Sabot, VA 23103 (US).

(74) SAJOVEC, Michael, F. et al. / etc.; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D01G 15/88

(11) WO 03/087446 (13) A2

(21) PCT/GB03/01360

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 0208257.6 10 Apr/avr 2002 GB (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CARDING
 • CARDAGE

(71) ECC CARD CLOTHING LIMITED [GB/GB]; Plover Road, Lindley, Huddersfield, West Yorkshire HD3 3HT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENNIS, Brian, J. [GB/GB]; ECC Card Clothing Limited, Plover Road, Lindley, Huddersfield, West Yorkshire HD3 3HT (GB).
 WRIGHT, Ronnie, J. [GB/GB]; ECC Card Clothing Limited, Plover Road, Lindley, Huddersfield, West Yorkshire HD3 3HT (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D02G 1/18

(11) WO 03/087447 (13) A1

(21) PCT/KR03/00675

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10-2002-0019254 9 Apr/avr 2002 KR (09.04.2002)

(30) 10-2002-0021561 19 Apr/avr 2002 KR (19.04.2002)

(30) 10-2002-0021563 19 Apr/avr 2002 KR (19.04.2002)

(30) 10-2002-0021845 22 Apr/avr 2002 KR (22.04.2002)

(30) 10-2002-0027088 16 May/mai 2002 KR (16.05.2002)

(30) 10-2002-0066432 30 Oct/oct 2002 KR (30.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TEXTURED YARN WITH DIFFERENT SHRINKAGE AND EXCELLENT SUEDE EFFECT AND METHOD FOR PREPARING THE SAME
 • FIL A RETRECISSEMENT DIFFÉRENT, A EXCELLENT EFFET IMITATION DE DAIM ET PROCEDE DE FABRICATION D'UN TEL FIL

(71) KOLON INDUSTRIES, INC [KR/KR]; KOLON Tower, 1-23, Byulyang-dong, Kwacheon-si, Kyunggi-do 427-040 (KR).
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(72, 75) LEE, Jeong-Gi [KR/KR]; 212 Kongdan-dong, Gumi-si, Kyungsangbuk-do 730-030 (KR).
 LEE, Chang-Bae [KR/KR]; 422 Kyochon-ri, Anke-meon, Uiseong-Gun, Kyungsangbuk-do 769-931 (KR).
 PARK, Yang-Soo [KR/KR]; 103-103 Hanbit town, 112 Dorang2-dong, Gumi-si, Kyungsangbuk-do 730-908 (KR).

(74) CHO, Hwal-Rai; Suite No. 1507, Yoksam Heights Bldg, 642-19, Yoksam-dong, Kangnam-gu, Seoul 135-981 (KR).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SC SD SG SK SL TJ TM TN TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ D02G 003/00, C08G 063/00

(11) WO 03/087448 (13) A1

(21) PCT/US03/11519

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,254 12 Apr/avr 2002 US (12.04.2002)

(30) 60/441,004 17 Jan/jan 2003 US (17.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRA WHITE WIPE
• CHIFFON ULTRA-BLANC

(71) BKI HOLDING CORPORATION [US/US]; 300 Delaware Avenue, Suite 900, Wilmington, DE 19081 (US).
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(72, 75) HURLEY, Jeffrey, S. [US/US]; 3914 Wheelers Run Cove, Bartlett, TN 38135 (US). ERSPAMER, John, P. [US/US]; 9580 Elm Point Cove, Lakeland, TN 38002 (US).

(74) LEE, Sandra, S. et al. / etc.; Darby & Darby, P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D03D 15/04, 11/02, D04B 1/20, D06J 1/00, E06B 9/52

(11) WO 03/087449 (13) A1

(21) PCT/BE03/00066

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 2002/0267 18 Apr/avr 2002 BE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLOTH AND METHOD FOR MANUFACTURING A CLOTH WITH AT LEAST ONE PERMANENT FOLD.
• TISSU ET PROCEDE DE FABRICATION D'UN TISSU AYANT AU MOINS UN PLI PERMANENT

(71) VIKTOR, G., BESLOTEN VEN-NOOTSCHAP MET BEPERKTE AANSPRAKELIJHEID [BE/BE]; Steenweg Op Waarloos 38, B-2840 Reet (BE).
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(72, 75) MOONS, Mark Lodewijk [BE/BE]; Steenweg Op Waarloos 38, B-2840 Reet (BE).

(74) DONNE, E.; Bureau de Rycker nv., Arenbergstraat 13, B-2000 Antwerpen (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ D03D 27/00, D04B 1/02, 21/02

(11) WO 03/087450 (13) A1

(21) PCT/JP03/04403

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ja (26) ja

(30) 2002-110229 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PILE CLOTH FOR CLEANING
• TISSU A VELOURS UTILISE A DES FINS DE NETTOYAGE

(71) N.I.TEIJIN SHOJI CO., LTD. [JP/JP]; 8-14, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
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(72, 75) YOSHIDA, Norio [JP/JP]; C/O N.I. Teijin Shoji Co., Ltd., 8-14, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04B

(11) WO 03/087451 (13) A2

(21) PCT/US03/10538

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,179 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUBULAR KNIT FABRIC AND SYSTEM
• TRICOT TUBULAIRE ET SYSTEME CORRESPONDANT

(71, 72) SHARMA, Vikram [US/US]; 9 Celestine Terrace, Stoneham, MA 02180 (US).

(74) COLEMAN, Roy, J. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04B 21/00

(11) WO 03/087452 (13) A1

(21) PCT/IB03/01316

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 2002/2899 12 Apr/avr 2002 ZA (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A WATER-RESISTANT SHEET MATERIAL
• MATERIAU EN FEUILLE RESISTANT A L'EAU

(71) VERMOOTEN, Joachim [ZA/ZA]; 439 Elizabeth Grove Street, Lynwood, 0081 Pretoria (ZA).

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(72, 75) DICKSON, Michael, Gordon [ZA/ZA]; 12/20 Moorsom Avenue, Epping Industria 2, 7460 Epping (ZA).

(74) PLA-PILLANS, Philip, Antonio; Adams & Adams Cape Town Office, Suite 3203, 32nd Floor, ABSA Centre, Heerengracht (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H

(11) WO 03/087453 (13) A2

(21) PCT/FR03/01006

(22) 1 Apr/avr 2003 (01.04.2003)

(25) fr (26) fr

(30) 02/04603 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-WOVEN WITH PARTIALLY JOINED LAYERS AND METHODS AND MACHINE FOR THE PRODUCTION THEREOF

• NON TISSE A NAPPES PARTIELLEMENT LIEES ET SES PROCEDE ET MACHINE DE PRODUCTION.

(71) RIETER PERFOJET [FR/FR]; ZA Pré-Millet, F-38330 Montbonnot (FR).
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(72, 75) NOELLE, Frédéric [FR/FR]; 91, chemin du Piat, F-38330 Saint-Nazaire les Eymes (FR).

(74) EIDELBERG, Albert et al. / etc.; Cabinet Flechner, 22, avenue de Friedland, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H 1/06, 1/50

(11) WO 03/087454 (13) A1

(21) PCT/US03/10636

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,648 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NONWOVEN FABRICS HAVING COMPOUND THREE-DIMENSIONAL IMAGES

• NON-TISSES PRESENTANT DES IMAGES TRIDIMENSIONNELLES COMPOSITES

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) RIVERA, Miguel; 958 North Main Street, Mooresville, NC 28115 (US). MOODY, Ralph, A., III; 121 Currituck Court, Mooresville, NC 28117 (US). NOLAN, Benjamin; 140 South Main Street, Elmer, NJ 18318 (US). PUTNAM, Michael; 7105 Niblick Court, Fuquay-Varina, NC 27526 (US).

(74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H 1/46

(11) WO 03/087455 (13) A1

(21) PCT/FR03/01101

(22) 8 Apr/avr 2003 (08.04.2003)

(25) fr (26) fr

(30) 02/04604 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRUM FOR A PRODUCTION UNIT FOR A NON-WOVEN MATERIAL, METHOD FOR PRODUCTION OF A NON-WOVEN MATERIAL AND NON-WOVEN MATERIAL OBTAINED THUS

• TAMBOUR POUR INSTALLATION DE PRODUCTION D'UNE NAPPE NON-TISSEE, PROCEDE DE PRODUCTION D'UNE NAPPE NON-TISSEE ET NAPPE NON-TISSEE OBTENUE.

(71) RIETER PERFOJET [FR/FR]; ZA Pré-Millet, F-38330 Montbonnot (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOELLE, Frédéric [FR/FR]; 91, Chemin du Piat, F-38330 Montbonnot (FR).

(74) EIDELBERG, Albert et al. / etc.; Cabinet Flechner, 22, avenue de Friedland, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D04H 1/46, 5/02

(11) WO 03/087456 (13) A1

(21) PCT/US03/10595

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/117,243 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACOUSTIC UNDERLAYMENT FOR PRE-FINISHED LAMINATE FLOOR SYSTEMS

• SOUS-COUCHE ACOUSTIQUE POUR SYSTEMES DE PLANCHERS LAMELLES PREFINIS

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) DALE, Robert; 1660 Highland Way, Lawrenceville, GA 30043 (US). SCHAEFFER, James; 8 Ripplemoor Lane, Charleston, SC 29414 (US).

(74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 60611-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D04H 1/46, 3/10

(11) WO 03/087457 (13) A1

(21) PCT/US03/10710

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,896 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RENEWABLE IMAGED NONWOVEN FABRIC COMPRISING RECONSTITUTED FIBERS

• TISSU NON TISSE D'IMAGE RENOUVELABLE COMPRENANT DES FIBRES RECONSTITUEES

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) **PUTNAM, Michael**; 7105 Niblick Court, Fuquay-Varina, NC 27526 (US). **MC-NAULL, Cynthia**; 6113 Clairidge Road, Wilmington, NC 28403 (US). **TINDALL, Russell**; 4861 Hearthstone Road, Clemmons, NC 27012 (US). **CARTER, Nick**; 132 Danyyn Grove Court, Mooresville, NC 28117 (US). **NUNN, Kayren, Joy**; 6712 East 118th Street, Bixby, OK 74008 (US).

(74) **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 60611-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D05C 17/02, B32B 3/02, 3/10, 3/16

(11) WO 03/087458 (13) A1

(21) PCT/US03/09723

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/118,059 8 Apr/avr 2002 US (08.04.2002)

(30) 10/154,187 23 May/mai 2002 US (23.05.2002)

(30) 10/198,238 18 Jul/juil 2002 US (18.07.2002)

(30) 10/209,050 31 Jul/juil 2002 US (31.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLOORING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE REVETEMENT DE SOL

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **HIGGINS, Kenneth B.**; 204 E. Yorktown Drive, LaGrange, GA 30240 (US). **TIPPETT, William**; 37 Church Road, Rufford, Ormskirk, Lancashire L40 1TA (GB). **SELLMAN, N. David, Jr.**; 1029 Riverside Drive, LaGrange, GA 30240 (US). **HAYES, Heather J.**; 491 Cardinal Lane, Chesnee, SC 29323 (US). **LI, Shulong**; 204 Woodgrove Trace, Spartanburg, SC 29301 (US). **GODFREY, Thomas E.**; 303 Pineview Dr., Moore, SC 29369 (US). **BROWN, Robert S.**; 213 Yorktown Drive, LaGrange, GA 30240 (US).

(74) **ALEXANDER, Daniel R.**; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D06F 21/04, 23/02, 33/00, 37/04, 37/10, 37/22, 37/26, 37/28, 37/30, 37/42, 39/04, 39/12, 39/14, 58/04, 58/06, 58/08, 58/22, 58/26, 58/28, F16H 1/16, 7/08, 7/20, 19/00, 63/00, 63/02, G05G 15/04, 15/08, F16M 7/00, A47B 91/00

(11) WO 03/087459 (13) A1

(21) PCT/NZ03/00065

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 518290 10 Apr/avr 2002 NZ (10.04.2002)

(30) 525195 4 Apr/avr 2003 NZ (04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A LAUNDRY APPLIANCE
• APPAREIL DE BLANCHISSAGE

(71) **FISHER & PAYKEL APPLIANCES LIMITED** [NZ/NZ]; 78 Springs Road, East Tamaki, 1706 Auckland (NZ).
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(72, 75) **GUINIBERT, Allen, James** [NZ/NZ]; 178 Mt Albert Road, Mt Albert, 1004 Auckland (NZ). **JACKSON, Russell, Joseph** [NZ/NZ]; 137 Maraetai Drive, Maraetai, 1705 Auckland (NZ). **JOHNSON, Hugh, Griffith** [NZ/NZ]; 34 Scarborough Terrace, Parnell, 1001 Auckland (NZ). **ABRAHAM, Bradley, Clive** [NZ/NZ]; 28 Copperfield Terrace, Howick, 1704 Auckland (NZ). **PITT, Daniel, Keith, Raphael** [NZ/NZ]; 5/78 Owens Road, Epsom, 1003 Auckland (NZ). **ESKILDSSEN, Olaf, Adrian, Hojland** [NZ/NZ]; 3/2 Cotton Street, St Johns, 1006 Auckland (NZ). **GRAMADA, Radu** [NZ/NZ]; 34 Cornwall Park Avenue, Epsom, 1003 Auckland (NZ). **MCGREGOR, Bruce, Reginald, Frank** [NZ/NZ]; 6 West Street, Papakura, 1703 Auckland (NZ). **FRAZERHURST, Geoffrey, Simon** [NZ/NZ]; 5 Marvon Downs Avenue, Pakuranga, 1706 Auckland (NZ). **VELANDIA, Armando, Morles** [VE/NZ]; 31 Commodore Parry Road, Milford, 1309 Auckland (NZ). **HILGERS, Andy, Alexander** [NL/NZ]; 57 Grey Street, Onchunga, 1006 Auckland (NZ). **HIRST, Daryl, Leonard** [NZ/NZ]; 7 Omana Heights Drive, Maraetai, 1705 Auckland (NZ).

(74) **ADAMS, Matthew, D et al. / etc.**; A J Park, 6th Floor Huddart Parker Building, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D06F 33/02, 37/00, 39/08, A47L 15/42, C02F 1/42, G01V 8/16

(11) WO 03/087460 (13) A1

(21) PCT/NZ03/00064

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 518288 10 Apr/avr 2002 NZ (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WASHING APPLIANCE WATER SOFTENER
• SYSTEME D'ADOUCCISSEUR D'EAU POUR MACHINES A LAVER

(71) **FISHER & PAYKEL APPLIANCES LIMITED** [NZ/NZ]; 78 Springs Road, East Tamaki, 1706 Auckland (NZ).
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(72, 75) **MAUNSELL, Stephen, Robert** [NZ/NZ]; 320 Gladstone Road, Mosgiel, 9001 DUNEDIN (NZ). **BLAIR, Daniel, Warwick** [NZ/GB]; 10 St John's Court, Warwick, CV34 4NJ UNITED KINGDOM (NZ).

(74) **ADAMS, Matthew, D et al. / etc.**; A J Park, 6th Floor Huddart Parker Building, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D06F 58/20

(11) WO 03/087461 (13) A1

(21) PCT/EP03/02659

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 0208697.3 16 Apr/avr 2002 GB (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC TREATMENT DEVICE
• DISPOSITIF DE TRAITEMENT DE TISSUS

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72) FRY, Alan, John; 35 Winchester Avenue, Ellesmere Port, Cheshire CH65 5DL (GB). HAGEMANN, Uwe; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). HAYES, Steven; 31 Kirkland Avenue, Tanmere, Wirral, Merseyside CH42 6QE (GB). KERR, Colin, Watt; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D06F 58/20

(11) WO 03/087462 (13) A1

(21) PCT/GB03/01333

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0208343.4 11 Apr/avr 2002 GB (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC TREATMENT DEVICE

• DISPOSITIF DE TRAITEMENT DE TISSU

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

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(72, 75) ROUSSELLE, Christophe [FR/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) BROWN, Andrew, Stephen et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ D06F 58/20

(11) WO 03/087463 (13) A1

(21) PCT/US03/10892

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/121,440 10 Apr/avr 2002 US (10.04.2002)

(30) 10/411,062 9 Apr/avr 2003 US (09.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRODUCT DISPENSER AND CARRIER
• SUPPORT ET DISTRIBUTEUR DE PRODUIT

(71) ECOLAB INC. [US/US]; Ecolab Center, St. Paul, MN 55102 (US).

(72) GRIESE, Gregory, G.; 734 Gherty Lane, Hudson, WI 54016 (US). THOMAS, John, E.; 1019 East Hazel, River Falls, WI 54022 (US). CHUTE, Brian, A.; 8672 Bechtel Avenue, Inver Grove Heights, MN 55076 (US). NETSCHKE, Kathryn, A.; 1414 Laurel Avenue L113, Minneapolis, MN 55403 (US). HUBIG, Stephan, M.; 733 Burke Avenue East, Maplewood, MN 55117 (US). LENTSCH, Steven, E.; 21 Orme Court, St. Paul, MN 55116 (US). KLOS, Terry, J.; 8135 Trillium Circle, Victoria, MN 55386 (US). LERBS, Jamie, W.; 2254 Rogers Courts, Mendota Heights, MN 55120 (US). WILHELMSON, Trevor, J.; 8458 Bradford Court, Inver Grove Heights, MN 55076 (US). RUSSELL, Scott, T.; 3138 Meadowbrook, Woodbury, MN 55125 (US).

(74) SORENSEN, Andrew, D.; ECOLAB INC., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D06M 16/00

(11) WO 03/087464 (13) A1

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(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,301 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVEMENT OF STRENGTH AND ABRASION RESISTANCE OF DURABLE PRESS FINISHED CELLULOSIC MATERIALS

• AMELIORATION DE LA SOLIDITE ET DE LA RESISTANCE A L'ABRASION DES MATIERES CELLULOSIQUES AYANT SUBI UN APPRET D'INFROISABILITE PERMANENT

(71) NOVOZYMES NORTH AMERICA, INC. [US/US]; 77 Perry Chapel Church Road, Franklinton, NC 27515 (US).

(71, 72) XU, Hui [US/US]; 703 Red Horse Way, Wake Forest, NC 27587 (US). LIU, Jim [US/US]; 9520 Candor Oaks Dr., Raleigh, NC 27615 (US). SHI, Caroline [US/US]; #65 Franklin Street, Apt. 1, Allston, MA 02134 (US).

(72, 75) SALMON, Sonya [US/US]; 416 Emerson Drive, Raleigh, NC 27609 (US).

(74) GARBELL, Jason; Suite 1600, 500 Fifth Avenue, New York, NY 10110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D06M 23/06, C11D 11/00, 3/00, D06M 13/188, 13/224, 13/355

(11) WO 03/087465 (13) A1

(21) PCT/US03/09813

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10/119,343 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FABRIC SOFTENER SYSTEM AND METHOD FOR USE IN CLOTHES DRYER

- SYSTEME ET PROCEDE ADOUCISANTS DE TISSUS UTILISES DANS UN SECHE-LINGE

(71) **OGDEN & COMPANY, INC.** [US/US]; 2237 Francis Lane #3, Cincinnati, OH 45206 (US).

(72) **OGDEN, Michael, J.**; 2237 Francis Lane #3, Cincinnati, OH 45206 (US). **STIENS, Thomas, J.**; 3123 Glen Oak Court, Edgewood, KY 41017 (US). **STIENS, Richard, J.**; 3871 Deerpath Lane, Cincinnati, OH 45248 (US). **STIENS, Robert, O.**; 7715 Oecola Drive, West Chester, OH 45069 (US).

(74) **KAUTZ, Thomas, L.** et al. / etc.; Holland & Knight LLP, One East Broward Boulevard, Suite 1300, Fort Lauderdale, FL 33301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **D06M 23/08, 17/04, D06N 3/00, C09J 7/04, C03C 25/10, E01C 5/12**

(11) **WO 03/087466** (13) A1

(21) PCT/EP03/00733

(22) **24 Jan/jan 2003 (24.01.2003)**

(25) de (26) de

(30) 102 16 670.6 **15 Apr/avr 2002 (15.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR PRODUCING A TEXTILE GRID
- PROCEDE POUR PRODUIRE UN RESEAU TEXTILE

(71, 72) **DUTTLINGER, Wolf, Dietrich** [DE/DE]; Albertstrasse 35, 79787 Lauchringen (DE).

(74) **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06N**

(11) **WO 03/087467** (13) A2

(21) PCT/US03/11108

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,269 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MODULAR FLOORING INSTALLATION TECHNIQUES AND EQUIPMENT
- TECHNIQUES ET EQUIPEMENT D'INSTALLATION DE PLANCHER MODULAIRE

(63) US 09/882,849 (CIP)
15 Jun/juin 2001 (15.06.2001)

(71) **INTERFACE, INC.** [US/US]; 2859 Paces Ferry Road, Suite 2000, Atlanta, GA 30339 (US).
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(72, 75) **WOODS, James, Jr.** [US/US]; 226 E. Yorktown Drive, LaGrange, GA 30240 (US). **DURANT, Clarke, Williams** [US/US]; 102 Planters Ridge Drive, LaGrange, GA 30240 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06N 3/14, 3/12, 3/18, D06M 23/00, B60R 21/16**

(11) **WO 03/087468** (13) A1

(21) PCT/US03/10591

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 10/118,870 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHODS OF COATING FABRICS WITH EMULSIONS OF ELASTOMERIC POLYMERS AND POLYURETHANE DISPERSIONS
- PROCEDES DE REVETEMENT DE TISSUS A L'AIDE D'EMULSIONS DE POLYMERES ELASTOMERIQUES ET DE DISPERSIONS DE POLYURETHANE

(63) US 10/118,870 (CON)
8 Apr/avr 2002 (08.04.2002)

(71) **DOW CORNING CORPORATION** [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
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(72, 75) **BLACKWOOD, William** [US/US]; 2403 Plymouth, Midland, MI 48642 (US). **LIN, Shaow** [US/US]; 2008 Candlestick

Lane, Midland, MI 48642 (US). **SAXENA, Anil** [IN/US]; 2901 Camberley Lane, Midland, MI 48640 (US). **TOTH, Simon** [HU/US]; 5007 Goldenwood Drive, Midland, MI 48640 (US).

(74) **ZOMBECK, Alan**; Patent Department-Mail CO1232, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **D21H 13/36**

(11) **WO 03/087469** (13) A1

(21) PCT/US03/10637

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 10/119,151 **10 Apr/avr 2002 (10.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PROCESS AND APPARATUS FOR MAKING A SHEET OF REFRACTORY FIBERS USING A FOAMED MEDIUM
- PROCEDE ET DISPOSITIF DE FABRICATION D'UNE FEUILLE DE FIBRES REFRACTAIRES AU MOYEN D'UN MILIEU MOUSSEUX

(71) **FIBERMARK, INC.** [US/US]; 161 Wellington Road, Brattleboro, VT 05301 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KINSLEY, Homan, B., Jr.** [US/US]; General Delivery, Bohannon, VA 23021 (US). **PEART, Christopher, B.** [CA/US]; 39 Loudville Road, Westhampton, MA 01027 (US).

(74) **GESS, E., Joseph**; Burns, Doane, Swecker & Mathis, L.L.P., PO Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations

(51)⁷ D21H 13/50, H01M 4/96

(11) WO 03/087470 (13) A1

(21) PCT/JP03/04482

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-114725 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CARBON FIBER PAPER AND POROUS
CARBON ELECTRODE SUBSTRATE
FOR FUEL CELL THEREFROM
• PAPIER EN FIBRE DE CARBONE ET
SUBSTRAT D'ELECTRODE EN FIBRE
DE CARBONE POREUX, DESTINE
AUX PILES

(71) MITSUBISHI RAYON CO., LTD. [JP/JP];
6-41, Konan 1-chome, Minato-ku, Tokyo
108-8506 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAMADA, Mitsuo [JP/JP]; c/o Toy-
ohashi Plants, Mitsubishi Rayon Co., Ltd.,
1-2, Ushikawadori 4-chome, Toyohashi-shi,
Aichi 440-8601 (JP). OHASHI, Hidehiko
[JP/JP]; c/o Toyohashi Plants, Mitsubishi
Rayon Co., Ltd., 1-2, Ushikawadori 4-chome,
Toyohashi-shi, Aichi 440-8601 (JP). MI-
HARA, Kazushige [JP/JP]; c/o Toyohashi
Plants, Mitsubishi Rayon Co., Ltd., 1-2,
Ushikawadori 4-chome, Toyohashi-shi, Aichi
440-8601 (JP). CHIBA, Tomoyoshi [JP/JP];
c/o Toyohashi Plants, Mitsubishi Rayon
Co., Ltd., 1-2, Ushikawadori 4-chome,
Toyohashi-shi, Aichi 440-8601 (JP). NAKA-
MURA, Makoto [JP/JP]; c/o Corporate
Research Laboratories, Mitsubishi Rayon
Co., Ltd., 20-1, Miyukicho, Otake-shi, Hi-
roshima 739-0693 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor,
16th Kowa Bldg., 9-20, Akasaka 1-chome,
Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ D21H 17/56, C08G 73/02 // D21H 21:16

(11) WO 03/087471 (13) A1

(21) PCT/US03/07819

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/121,880 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • OIL/GREASE-AND WATER SIZING
AGENT FOR TREATMENT OF CELLU-
LOSIC MATERIALS

• AGENT DE COLLAGE CONFÉ-
RANT UNE IMPERMEABILITE AUX
HUILES/GRAISSES ET A L'EAU POUR
LE TRAITEMENT DE MATERIAUX
CELLULOSIQUES

(71) HERCULES INCORPORATED [US/US];
Hercules Plaza, 1313 N. Market Street, Wilm-
ington, DE 19894-0001 (US).

(72) BOTTORFF, Kyle; 61 Worthington Park
Drive, Estates of Korner Ketch, Newark, DE
19711 (US).

(74) SAMUELS, Gary, A.; Hercules Incorpo-
rated, Hercules Plaza, 1313 N. Market Street,
Wilmington, DE 19894-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ D21H 17/71, 17/69 // 21:10, 17/28, 17/33

(11) WO 03/087472 (13) A1

(21) PCT/CA03/00517

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,696 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SWOLLEN STARCH-LATEX COMPO-
SITIONS FOR USE IN PAPERMAKING

• COMPOSITIONS A BASE D'AMIDON
GONFLE ET DE LATEX POUR LA PA-
PETERIE

(71) PULP AND PAPER RESEARCH INSTI-
TUTE OF CANADA [CA/CA]; 570 Boul.
St-Jean, Pointe-Claire, Québec H9R 3J9
(CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LALEG, Makhlof [CA/CA]; 69 Au-
rora, Pointe-Claire, Québec H9R 3G3 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981
McGill College Avenue, Montréal, Québec
H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ D21H 21/18

(11) WO 03/087473 (13) A1

(21) PCT/US03/08051

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/118,384 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PROCESS FOR INCREASING THE DRY
STRENGTH OF PAPER

• PROCEDE D'AUGMENTATION LA RE-
SISTANCE A SEC DU PAPIER

(71) HERCULES INCORPORATED [US/US];
Hercules Plaza, 1313 N. Market Street, Wilm-
ington, DE 19894-0001 (US).

(72) KLAISNER, Constance; 182 Georgia
Street, Oshkosh, WI 54467 (US). VAN
HANDEL, Joseph, Donald; 2330 Shadow
Circle, Plover, WI 54467 (US). GAST, John,
C.; 10 Kings Grant Road, Hockessin, DE
19707 (US).

(74) SAMUELS, Gary, A.; Hercules Incorpo-
rated, Hercules Plaza, 1313 North Market
Street, Wilmington, DE 19894-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ D21H 27/30

(11) WO 03/087474 (13) A1

(21) PCT/US02/38171

(22) 29 Nov/nov 2002 (29.11.2002)

(25) en (26) en

(30) 10/118,921 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • HIGH TEMPERATURE PAPER

• PAPIER REFRACTAIRE

(71) **FIBERMARK, INC.** [US/US]; 161 Wellington Road, Brattleboro, VT 05302 (US).

(72) **CORNBOWER, Tyrone**; 2844 English Lane, Whitehall, PA 18052 (US).

(74) **GEISS, E. Joseph**; BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **E01B 1/00, 2/00**

(11) **WO 03/087475** (13) A1

(21) PCT/EP03/02284

(22) **6 Mar/mar 2003 (06.03.2003)**

(25) de (26) de

(30) 102 16 573.4 **13 Apr/avr 2002 DE (13.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MOUNTING A CONCRETE COMPONENT AND FIXED TRACK

• PROCEDE DE POSE D'UN COMPOSANT EN BETON ET VOIE DE CIRCULATION FIXE

(71) **MAX BÖGL BAUUNTERNEHMUNG GMBH & CO. KG** [DE/DE]; Postfach 1120, 92301 Neumarkt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REICHEL, Dieter** [DE/DE]; Badstrasse 13, 92318 Neumarkt (DE). **LINDNER, Erich** [DE/DE]; Brunnacker 7, 91275 Auerbach-Nasnitz (DE). **MENZEL, Jürgen** [DE/DE]; Kornstrasse 58, 92318 Neumarkt (DE).

(74) **BERGMEIER, Werner**; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E01C 1/04**

(11) **WO 03/087476** (13) A1

(21) PCT/CN03/00269

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) zh (26) zh

(30) 02222231.6 **15 Apr/avr 2002 CN (15.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMI-SINK INTERNAL CIRCLE TYPE FLYOVER

• STRUCTURE D'AUTOPONT A VOIES EN FORME DE DEMI-CERCLE

(71, 72) **LI, Huaxu** [CN/CN]; Suit 1/2FL, Unit 2, Building 2, Xiangxie Grand Garden, No 9 Tongshan Bridge South Road, Chengdu City, Sichuan Province, P.R.China, 610000 Chengdu (CN).

(74) **LECOMME INTELLECTUAL PROPERTY AGENT LTD.**; Rm.306, 3/F. Quantum Sliver Plaza, No. 23 Zhichun Road, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E01C 7/00, C08L 95/00**

(11) **WO 03/087477** (13) A1

(21) PCT/US03/10920

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,537 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WASTE PLASTIC ADDITIVE FOR ASPHALT

• ADDITIF SOUS FORME DE PLASTIQUE USE POUR DE L'ASPHALTE

(71) **BP CORPORATION NORTH AMERICA, INC.** [US/US]; 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).

(72) **FORGAC, John, M.**; 13 Oak Tree Court, Elmhurst, Illinois 60126 (US). **MUZUM-DAR, Ashok, S.**; 123 Birchwood Drive, Naperville, IL 60540 (US). **SINGHANIA, Arun, K.**; 15911 El Dorado Oaks Drive, Houston, TX 77059 (US). **SWANSON, April, J.**; 158 Graylyn Drive, Anderson South Carolina 29621 (US).

(74) **DISALVO, Joseph**; Bp America Inc, BPLegal, 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E01C 9/00**

(11) **WO 03/087478** (13) A1

(21) PCT/EP03/03841

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) de (26) de

(30) 102 16 914.4 **15 Apr/avr 2002 DE (15.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SET OF COMPONENTS USED FOR THE PRODUCTION OF LOAD-BEARING STRUCTURES FOR GRATINGS

• JEU DE PIECES DETACHEES DESTINE A LA REALISATION D'OSSATURES DE GRILLES DE RECOUVREMENT

(71, 72) **WAGNER, Georg** [DE/DE]; Im Jüden 22, 76646 Bruchsal (DE).

(74) **KLEIN, Friedrich**; Auf der Pirsch 11, 67663 Kaiserslautern (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **E01D 19/06**

(11) **WO 03/087479** (13) A1

(21) PCT/FR03/00910

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) fr (26) fr

(30) 02/04639 **12 Apr/avr 2002 FR (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONSTRUCTION JOINT

• JOINT DE CONSTRUCTION

(71) **FREYSSINET INTERNATIONAL (STUP)** [FR/FR]; Ibis, rue du Petit Clamart, F-78140 Vélizy Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNARD, Guillaume** [FR/FR]; 3, avenue Curie, F-92370 Chaville (FR).

SALMON, Philippe [FR/FR]; 14, rue du Souvenir, F-95280 JOUY-Le-Moutier (FR).
STUBLER, Jérôme [FR/FR]; 4, rue Leconte de Lisle, F-75016 Paris (FR).

(74) **LOISEL, Bertrand.** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E01F 15/08

(11) WO 03/087480 (13) A1

(21) PCT/EP03/03925

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 1020420 18 Apr/avr 2002 NL (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BARRIER ELEMENT
 • ELEMENT DE BARRIERE

(71) **LAURA METAAL EYGELSHOVEN BV** [NL/NL]; P.O. Box 42, NL-6470 EA Eygelsheoven (NL).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERTENS, Joseph, Peter, Hubert, Maria** [NL/NL]; Merkelbeckerstraat 27a, NL-6441 KH Brunssum (NL).

(74) **HANSEN, Willem, Joseph, Maria;** Corus Technology BV, P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E02D 3/00

(11) WO 03/087481 (13) A1

(21) PCT/CN03/00262

(22) 14 Apr/avr 2003 (14.04.2003)

(25) zh (26) zh

(30) 02112883.9 15 Apr/avr 2002 CN (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONSTRUCTION METHOD AND APPARATUS FOR SAND CONTROL DAM
 • PROCEDE ET APPAREIL DE CONSTRUCTION DE BARRAGE DE LUTTE CONTRE LE SABLE

(71) **SUZHOU MUNICIPAL ENGINEERING DESIGNING INSTITUTE** [CN/CN]; No.2 Xin Shi Rd., Suzhou, Jiangsu 215007 (CN).
 (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ZHUANG, Weijian** [CN/CN]; No.2 Xin Shi Rd., Suzhou, Jiangsu 215007 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE;** 435 Guiping Road, Shanghai 200233 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03B 7/07, 9/16

(11) WO 03/087482 (13) A1

(21) PCT/US02/36798

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 10/121,566 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER MAIN RECIRCULATING/FILTERING/FLUSHING SYSTEM AND METHOD
 • SYSTEME ET PROCEDE DE RECIRCULATION/FILTRATION/RINÇAGE POUR CANALISATION PRINCIPALE D'EAU

(71, 72) **WILKINSON, Chris, E.** [US/US]; 35698 Road 212, Woodlake, CA 93286 (US).

(74) **MEEKER, Donald, W.;** Patent Agent, 750 La Playa, #512, San Francisco, CA 94121 (US).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MX MZ NO NZ OM PH PL RO RU SD SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ E03C 1/046, B01F 5/04

(11) WO 03/087483 (13) A1

(21) PCT/US03/08428

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 02252539.8 9 Apr/avr 2002 EP (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EDUCTOR
 • EJECTEUR

(71) **JOHNSON DIVERSEY, INC.** [US/US]; Neil E. Hamilton, M/S 509, 8310 16th Street, Sturtevant, WI 53177 (US).
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(72, 75) **HAGUE, Barry** [GB/GB]; DiverseyLever Equipment Ltd., Osier Drive Sherwood Park, Annesley, Nottinghamshire NG150DS (GB). **OLIVER, Stephen** [GB/GB]; DiverseyLever Equipment Ltd., Osier Drive Sherwood Park, Annesley, Nottinghamshire NG150DS (GB).

(74) **JOHNSON DIVERSEY, INC.;** 8310 16th Street, Sturtevant, WI 53177 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03D 9/052

(11) WO 03/087484 (13) A1

(21) PCT/IT02/00243

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER CLOSET UNIT WITH AN AIR SUCTION DEVICE
 • TOILETTES A DISPOSITIF D'ASPIRATION

(71, 72) **PERIN, Luciano** [IT/IT]; Via G. Leopardi, 12, 20036 Erba (Como) (IT).

(74) **LECCE, Giovanni;** Ufficio Brevetti Calciati S.r.l., Via Fratelli Ruffini, 9, I-20123 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03D 11/16

(11) WO 03/087485 (13) A1

(21) PCT/US02/10998

(22) 9 Apr/avr 2002 (09.04.2002)

- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WATER CLOSET BOWL BOTTOM CONNECTION
• RACCORDEMENT INFERIEUR POUR CUVETTE DE W.-C.
- (71, 72) HAWRO, Edward [US/US]; 44 Bedford Avenue, Buffalo, NY 14216 (US).
- (74) NEYERLIN, Wallace, F. et al. / etc.; Law Offices of Wallace F. Neyerlin, 726 Division Avenue, Niagara Falls, NY 14305 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04B 1/32, 1/342, 7/10, E04C 3/11, 3/40
- (11) WO 03/087486 (13) A1
- (21) PCT/AU03/00437
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) PS 1713 12 Apr/avr 2002 AU (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ROOF STRUCTURE
• STRUCTURE DE TOIT
- (71) STRARCH INDUSTRIES PTY LTD [AU/AU]; Level 1, Suite 1, 31-35 The Corso, MANLY, New South Wales 2095 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BLAZLEY, Wade, Hylton [AU/AU]; Wirraway, CARCOAR, New South Wales 2791 (AU).
- (72, 75) KEY, Peter, William [AU/AU]; 35 Hill Street, FAIRLIGHT, New South Wales 2094 (AU).
- (74) BLAKE DAWSON WALDRON PATENT SERVICES; Level 35, Grosvenor Place, 225 George Street, SYDNEY, New South Wales 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ E04B 2/16
- (11) WO 03/087487 (13) A1
- (21) PCT/US03/09318
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 60/370,532 5 Apr/avr 2002 US (05.04.2002)
- (30) 60/374,896 23 Apr/avr 2002 US (23.04.2002)
- (30) unknown 26 Mar/mar 2003 US (26.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MASONRY CONNECTORS AND TWIST-ON HOOK AND METHOD
• RACCORDS DE MAÇONNERIE A CROCHET POSE PAR ROTATION ET PROCEDE ASSOCIE
- (71, 72) BRONNER, Joseph [US/US]; 36 Copeland Road, Denville, NJ 07824 (US).
- (74) NOVICK, Mitchell, P.; Law Offices of Mitchell P. Novick, 66 Park Street, Montclair, NJ 07042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ E04B 2/74
- (11) WO 03/087488 (13) A1
- (21) PCT/DE02/03132
- (22) 27 Aug/août 2002 (27.08.2002)
- (25) de (26) de
- (30) 202 05 989,8 16 Apr/avr 2002 DE (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WALL ELEMENT
• ELEMENT MUR
- (71) GÖPFERT, Janine [DE/DE]; Overmannweg 15, 99094 Erfurt (DE). GÖPFERT, Christin [DE/DE]; Overmannweg 15, 99094 Erfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GÖPFERT, Joachim [DE/DE]; Overmannweg 15, 99094 Erfurt (DE).
- (74) LIEDTKE, Klaus; Postfach 10 19 16, 99019 Erfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04C
- (11) WO 03/087489 (13) A2
- (21) PCT/US03/11381
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 10/120,794 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PERFORATED DECKING
• TOLE DE PLANCHER PERFOREE
- (71) DESIGN ASSISTANCE CONSTRUCTION SYSTEMS, INC. [US/US]; 900 Portcenter Parkway, Portsmouth, VA 23704 (US).
- (72) KIRCHER, Timothy, G.; 301 Warren Avenue #217, Baltimore, MD 21230 (US). HENNING, John, T.; 904 Winwood Drive, Virginia Drive, VA 23451 (US). CROSS, David, J.; c/o Border Crossing, 5912 San Bernardo, PMB 2851, Laredo, TX 78041 (US). CULPEPPER, Bert, Y., Jr.; 619 Pin-tail Lane, Chesapeake, VA 23323 (US).
- (74) CAMPBELL, Christopher, C. et al. / etc.; Hutton & Williams, 1900 K Street, N.W., Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04C 1/00
- (11) WO 03/087490 (13) A1
- (21) PCT/US03/10818
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/119,761 11 Apr/avr 2002 US (11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SNAP PANEL DISPLAY UNIT
• UNITE D'AFFICHAGE A PANNEAUX A RESSORTS
- (71, 72) KOUTRAS, Tim [US/US]; PO Box 4142, Redondo Beach, CA 90277 (US). SARKISYAN, Saro [US/US]; 715E Palmer, Glendale, CA 91205 (US). BADANGIZ, Verram [IR/US]; 18647 Eccles ST., Northridge,

CA 91324 (US). EDMUNDS, Paul [US/US]; 302 S. Catalina, Redondo Beach, CA 90277 (US).

(74) BROWN, Michael et al. / etc.; BROWN & MICHAELS, PC, 400 M & T Bank Building, 118 North Tioga St., Ithaca, NY 14850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 2/34, 2/08

(11) WO 03/087491 (13) A1

(21) PCT/FI03/00300

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 20020738 17 Apr/avr 2002 FI (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SANDWICH WALL ELEMENT COMPRISING SHEET LIKE MATERIAL WITH PROTRUDING NODULES AND METHOD FOR PRODUCING THE SAME

• ELEMENT DE PAROI DE TYPE SANDWICH COMPORTANT UN MATERIAU EN FEUILLE AVEC DES NODULES EN SAILLIE ET SON PROCEDE DE PRODUCTION

(71) COMPUSON X OY [FI/FI]; PL 4, FIN-57101 Savonlinna (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUUTILAINEN, Timo [FI/FI]; Kelotormintie 29, FIN-57510 Savonlinna (FI).

(74) LEITZINGER OY; Tammasaarenkatu 1, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 5/16

(11) WO 03/087492 (13) A1

(21) PCT/KR03/00670

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2002/18954 8 Apr/avr 2002 KR (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REINFORCING BAR COUPLER

• DISPOSITIF D'ACCOUPLEMENT DE BARRES D'ARMATURE

(71, 72) KIM, Yong, Keun [KR/KR]; 5-1405 Hyosungsanga Apartment, 905 Mansu-5-dong, Namdong-gu, Incheon 405-245 (KR).

(74) LEE, Dae, Sun; Chongkundang Bldg. 5F, 441, Shipjeong-2-dong, Bupyeong-gu, Incheon 403-132 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04D 13/18

(11) WO 03/087493 (13) A1

(21) PCT/US02/29020

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 60/371,576 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR MOUNTING PHOTOVOLTAIC POWER GENERATING SYSTEMS ON BUILDINGS

• APPAREIL ET PROCEDE D'INSTALLATION DE SYSTEMES DE GENERATION D'ENERGIE PHOTOVOLTAIQUE SUR DES BATIMENTS

(71) RWE SCHOTT SOLAR INC. [US/US]; 4 Suburban Park Drive, Billerica, Massachusetts 01821 (US).

(72) RUSSELL, Miles, Clayton; 96 Lexington Road, Lincoln, MA 01773 (US).

(74) PANDISCIO, Nicholas, A.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154-1914 (US).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ E04F

(11) WO 03/087494 (13) A2

(21) PCT/IL03/00299

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en

(26) en

(30) 10/118,000 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SELF-ALIGNED STAIR COMPATIBLE WALKING AID

• DISPOSITIF D'AIDE A LA MARCHE A AUTO-ALIGNEMENT COMPATIBLE AVEC LES MARCHES D'ESCALIER

(71, 72) GOLIGORSKI, Piter [IL/IL]; P.O.Box 1726, 60920 Kadima (IL).

(74) FRIEDMAN, Mark, M.; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04F 15/00

(11) WO 03/087495 (13) A1

(21) PCT/CN02/00583

(22) 23 Aug/août 2002 (23.08.2002)

(25) zh (26) zh

(30) 02232302.3 13 Apr/avr 2002 CN (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A FLOOR BLOCK FOR SHOCKPROOF
• BLOCS DE SOL RESISTANTS AUX CHOCES

(71, 72) HE, Junjie [CN/CN]; Suite 501, Building 36 Jing Bei Nan, No. 1008, Huang Bei Rd., Luo Hu District, Shenzhen, Guangdong 518031 (CN).

(74) BEIJING UNITALEN PATENT & TRADEMARK LAW FIRM; WANG, Xue-qiang, Rm.30703, 7th Floor, Scitech Place No. 22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).

(81) AE AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CO CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility

model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ (Utility model / modèle d'utilité) NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SD SE SG SI SK (Utility model / modèle d'utilité) SK SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN (Utility model / modèle d'utilité) YU ZA ZM ZW.	(30) 202 11 263.2 25 Jul/juil 2002 (25.07.2002) DE	DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(43) 23 Oct/oct 2003 (23.10.2003)	
(51) ⁷ E04F 15/02, B32B 21/00	(54) • PANELLING WITH EDGING AND LAYING AID • PANNEAUX COMPORTANT UNE BORDURE AVEC SYSTEME DE POSE	(51) ⁷ E04G 1/26
(11) WO 03/087496 (13) A1	(71) KRONOSPAN TECHNICAL COMPANY LIMITED [CY/CY]; 2 Andrea Zakkou Street, Office 102, 2404 Engomi, Nicosia (CY). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(11) WO 03/087499 (13) A1
(21) PCT/CN02/00670	(72, 75) MOEBUS, Maik [DE/DE]; c/o Kronospan GmbH Lampertswalde, Mühlbacher Strasse 1, 01561 Lampertswalde (DE). GROHS, Alexander, P. [AT/DE]; c/o Kronospan GmbH Lampertswalde, Mühlbacher Strasse 1, 01561 Lampertswalde (DE).	(21) PCT/DE03/01206
(22) 20 Sep/sep 2002 (20.09.2002)	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(22) 10 Apr/avr 2003 (10.04.2003)
(25) zh (26) zh	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(25) de (26) de
(30) 02115039.7 8 Apr/avr 2002 (08.04.2002) CN	(51) ⁷ E04F 15/04, 15/20	(30) 102 15 697.2 10 Apr/avr 2002 (10.04.2002) DE
(43) 23 Oct/oct 2003 (23.10.2003)	(11) WO 03/087498 (13) A1	(43) 23 Oct/oct 2003 (23.10.2003)
(54) • MOISTURE AND HEAT ISOLATING FLOORBOARD • LAME DE PLANCHER ISOLANT CONTRE LA CHALEUR ET L'HUMIDITE	(21) PCT/SE03/00565	(54) • SCAFFOLDING • ÉCHAFAUDAGE
(71, 72) ZHEUNG, Kit, Keung [CN/CN]; Unit B, 13/F, Surson Commercial Building, 140-142 Austin Road, Kowloon, Hong Kong (CN).	(22) 8 Apr/avr 2003 (08.04.2003)	(71, 72) CORVEY, Lutz [DE/DE]; Nieper Strasse 76, 47506 Neukirchen-Vluyn (DE).
(74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129, West Xuan Wu Men Street, Xicheng District, Beijing 100031 (CN).	(25) en (26) en	(74) FUNKEN, Josef; Hochstrasse 3e, 47506 Neukirchen-Vluyn (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.	(30) 0201059-3 8 Apr/avr 2002 (08.04.2002) SE	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(43) 23 Oct/oct 2003 (23.10.2003)	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51) ⁷ E04F 15/04, 15/02, 13/08	(54) • FLOORBOARDS FOR FLOORINGS • LAMES DE PLANCHER POUR REVE-TEMENTS DE SOL	Declarations / Déclarations : (r) for all designations / pour toutes les désignations (s) for all designations / pour toutes les désignations (t) for all designations / pour toutes les désignations (u) for / pour US only / seulement
(11) WO 03/087497 (13) A1	(71) VÄLINGE ALUMINIUM AB [SE/SE]; Apelvägen 2, S-260 40 Viken (SE). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(51) ⁷ E04G 3/06
(21) PCT/EP02/10671	(72, 75) PERVAN, Darko [SE/SE]; Kyrkogården 1, S-260 40 Viken (SE).	(11) WO 03/087500 (13) A1
(22) 24 Sep/sep 2002 (24.09.2002)	(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).	(21) PCT/AU03/00436
(25) de (26) de	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(22) 11 Apr/avr 2003 (11.04.2003)
(30) 202 05 774.7 13 Apr/avr 2002 (13.04.2002) DE	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE	(25) en (26) en
		(30) PS 1707 12 Apr/avr 2002 (12.04.2002) AU
		(43) 23 Oct/oct 2003 (23.10.2003)
		(54) • CONSTRUCTION PLATFORM • PLATE-FORME DE CONSTRUCTION
		(71, 72) PRESTON, John, Clement [AU/AU]; 196 Silverwater Road, Silverwater, NSW 2128 (AU).
		(74) HODGKINSON OLD McINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).
		(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 4/16, B63B 35/32, E02B 15/10

(11) WO 03/087501 (13) A1

(21) PCT/AU03/00399

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) PS 1593 9 Apr/avr 2002 AU (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DUAL DIRECTION WATER SURFACE SKIMMER AND POOL SIDE DOCKING DEVICE.

• ECUMOIRE DE LA SURFACE DE L'EAU BIDIRECTIONNEL ET QUAI LATÉRAL A LA PISCINE

(71, 72) HASKI, Robert, R. [AU/AU]; 114 Hopetoun Avenue, Vacluse, New South Wales 2030 (AU).

(72, 75) MEYER, Allan, Dolph [AU/AU]; 8 Hartree Drive, Cherrybrook, New South Wales 2126 (AU). BERRY, Norman, Michael [AU/AU]; 7 Paling Street, Thornleigh, New South Wales 2120 (AU).

(74) GRANT, Paul, Ainsworth; P.O. Box 60, Fisher, Australian Capital Territory 2611 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05B 27/10

(11) WO 03/087502 (13) A1

(21) PCT/US03/10620

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,262 9 Apr/avr 2002 US (09.04.2002)

(30) 60/399,231 29 Jul/juil 2002 US (29.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DISCRIMINATING MECHANISM FOR A PIN TUMBLER LOCK

• MÉCANISME SÉLECTIF POUR SERRURE À BARILLET

(71) MASTER LOCK COMPANY [US/US]; 2600 North 32nd Street, Milwaukee, WI 53210 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDWARDS, Jr., Billy, B. [US/US]; 3365 Fiebrantz, Brookfield, WI 53005 (US).

(74) RICEY, June, E.; 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E05B 47/00

(11) WO 03/087503 (13) A1

(21) PCT/GB03/01621

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0208508.2 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRICALLY CONTROLLED DOOR LOCK

• VERROU DE PORTE COMMANDE ELECTRIQUEMENT

(71) PBT (IP) LIMITED [GB/GB]; 1 Astra Centre, Edinburgh Way, Harlow, Essex CM20 2BN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POWELL, Simon [GB/GB]; 51 Old North Road, Royston, Herts SG8 5EP (GB).

(74) CRAWFORD, Andrew, B.; A A Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E05D

(11) WO 03/087504 (13) A2

(21) PCT/EP03/03914

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 202 06 189.2 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECTIONAL DOOR

• PORTE SECTIONNELLE

(71) KLAAS-LUCAS, Elisabeth, M. [DE/DE]; Schützenhügel 14, 49809 Lingen/Ems (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCAS, Bernd [DE/DE]; Schützenhügel 14, 49809 Lingen/Ems (DE).

(74) GROSSE BOCKHORN SCHUMACHER; Frühlingstrasse 43A, 45133 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05D

(11) WO 03/087505 (13) A2

(21) PCT/RO02/00005

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) a 2002 00449 15 Apr/avr 2002 RO (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A CHANNEL FOR SLIDE

• CANAL POUR ELEMENT COULISANT

(71, 72) CÂRNU, Ion [RO/RO]; Str. Mureș nr. 65 A, R-8700 Constanța (RO). CÂRNU, Tony, Aurelian [RO/RO]; Str. Mureș nr. 65 A, R-8700 Constanța (RO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05D 13/00

(11) WO 03/087506 (13) A1

(21) PCT/EP02/04160

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DOOR COMPRISING A LOCKING DEVICE

- PORTE DOTE D'UN DISPOSITIF DE SECURITE
 - (71) HÖRMANN KG BROCKHAGEN [DE/DE]; Horststrasse 17, 33803 Steinhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) HÖRMANN, Thomas, J. [DE/DE]; Am Schlaufenglan 33, 66606 St. Wendel (DE). BRINKMANN, Herbert [DE/DE]; Finkenstrasse 8, 33790 Halle/Westfalen (DE). KRAFT, Franz [DE/DE]; Stumpfstrasse 5, 59757 Arnsberg-Herbringen (DE). BRINKMANN, Michael [DE/DE]; Pestalozzistrasse 19, 33790 Halle/Westfalen (DE).
 - (74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 München (DE).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 - (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ E05D 15/16, E06B 3/44, 9/58
- (11) WO 03/087507 (13) A1
- (21) PCT/EP02/04161
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) de (26) de
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DOOR AND GUIDE RAIL ARRANGEMENT
- PORTE ET SYSTEME DE RAILS DE GUIDAGE
- (71) HÖRMANN KG BROCKHAGEN [DE/DE]; Horststrasse 17, 33803 Steinhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HÖRMANN, Thomas, J. [DE/DE]; Am Schlaufenglan 33, 66606 St. Wendel (DE). BRINKMANN, Herbert [DE/DE]; Finkenstrasse 8, 33790 Halle/Westfalen (DE).
- (74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ E05D 15/24, E06B 3/48
- (11) WO 03/087508 (13) A1
- (21) PCT/EP02/04158
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) de (26) de
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COUPLING DEVICE

- DISPOSITIF D'ACCOUPLEMENT
 - (71) HÖRMANN KG BROCKHAGEN [DE/DE]; Horststr. 17, 33803 Steinhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) BRINKMANN, Michael [DE/DE]; Pestalozzistr. 19, 33790 Halle/Westfalen (DE).
 - (74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 München (DE).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 - (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ E05D 15/38
- (11) WO 03/087509 (13) A1
- (21) PCT/EP02/04159
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) de (26) de
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GUIDE RAIL ARRANGEMENT
- SYSTEME A RAILS DE GUIDAGE
- (71) HÖRMANN KG BROCKHAGEN [DE/DE]; Horststr. 17, 33803 Steinhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HÖRMANN, Thomas, J. [DE/DE]; Am Schlaufenglan 33, 66606 St. Wendel (DE). BRINKMANN, Herbert [DE/DE]; Finkenstr. 8, 33790 Halle/Westfalen (DE).
- (74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ E05D 15/38, E05F 11/00, H02K 17/32
- (11) WO 03/087510 (13) A2
- (21) PCT/US03/10923
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 10/119,817 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A BALANCE CONTROL SYSTEM FOR A MOVABLE BARRIER OPERATOR
- SYSTEME DE CONTROLE D'EQUILIBRE POUR ACTIONNEUR DE BARRIERE MOBILE
- (71) THE CHAMBERLAIN GROUP, INC. [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).

- (72) BROOKBANK, Thomas A.; 111 East Chestnut, Unit 17K, Chicago, IL 60611 (US). FITZGIBBON, James, J.; 1521 Hadley Drive, Batavia, IL-60510 (US).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E05F
- (11) WO 03/087511 (13) A2
- (21) PCT/US03/12454
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,486 9 Apr/avr 2002 US (09.04.2002)
- (30) 60/417,011 2 Oct/oct 2002 US (02.10.2002)
- (30) 10/408,949 8 Apr/avr 2003 US (08.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TABLE LEG LOCKING MECHANISM
- MECANISME DE VERROUILLAGE DE PIED DE TABLE
- (71) LIFETIME PRODUCTS, INC. [US/US]; P.O. Box 160010, Freeport Center, Building D-11, Clearfield, UT 84016, (US).
- (72) STRONG, L., Curtis.; 65 North 250 West, Clearfield, UT 84015 (US). ADAMS, Ray.; 229 West 90 North, Clearfield, UT 84015 (US).
- (74) GILMORE, Richard, C. et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E05F 3/14, F16F 9/14
- (11) WO 03/087512 (13) A1
- (21) PCT/AT02/00367
- (22) 23 Dec/déc 2002 (23.12.2002)

- (25) de (26) de
- (30) 202 05 905.7 **16 Apr/avr 2002** DE
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HINGE WITH ROTATION DAMPER HAVING VARIABLE DAMPING EFFECT
• CHARNIERE EQUIPEE D'UN AMORTISSEUR DE ROTATION A AMORTISSEMENT VARIABLE
- (71) JULIUS BLUM GESELLSCHAFT M.B.H. [AT/AT]; Industriestrasse 1, A-6973 Höchst (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUBACH, Fredi [CH/CH]; Schürli-strasse 11, CH-8344 Bäretwil (CH). BRÜSTLE, Klaus [AT/AT]; Rüttenen 5, A-6973 Höchst (AT). FITZ, Helmut [AT/AT]; Birkenweg 11, A-6890 Lustenau (AT).
- (74) HOFINGER, Engelbert et al. / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05F 15/14, 15/20

(11) WO 03/087513 (13) A1

(21) PCT/JP03/04241

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101097 **3 Apr/avr 2002** JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • AUTOMATIC DOOR OPENING/CLOSING APPARATUS
• APPAREIL D'OUVERTURE/FERMETURE DE PORTE AUTOMATIQUE

(71) OPTEX CO., LTD. [JP/JP]; 7-5, Nionohama 4-chome, Otsu-shi, Shiga 520-0801 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKASHIMA, Yoshikazu [JP/JP]; c/o OPTEX CO., LTD., 7-5, Nionohama 4-chome, Otsu-shi, Shiga 520-0801 (JP).

(74) SUGIMOTO, Shuji; Higobashi Nittai Bldg., 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ E06B

(11) WO 03/087514 (13) A2

(21) PCT/US03/10964

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,756 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • POST-AUTOMATICALLY DETERMINED USER-MODIFIABLE ACTIVITY PERFORMANCE LIMIT APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE LIMITATION DES PERFORMANCES D'ACTIVITE QUE L'UTILISATEUR PEUT MODIFIER ET A DETERMINATION POST-AUTOMATIQUE

(71) THE CHAMBERLAIN GROUP, INC. [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).

(72) FITZGIBBON, James, J.; 1521 Hadley Drive, Batavia, IL 60510 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, 120 South LaSalle Street, Suite 1600, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B 1/70, E04F 21/00, E04G 21/14

(11) WO 03/087515 (13) A1

(21) PCT/FR03/01361

(22) 30 Apr/avr 2003 (30.04.2003)

(25) fr (26) fr

(30) 02/05559 **3 May/mai 2002** FR
(03.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • WINDOW LEDGE OR DOOR THRESHOLD AND MANEUVERING AND INSTALLATION METHOD
• APPUI DE FENETRE OU SEUIL DE PORTE ET SON PROCEDE DE MANUTENTION ET DE POSE

(71, 72) BEAUGEARD, Jean-Yves [FR/FR]; Les Chesnots, F-35530 Servon sur Vilaine (FR).

(74) CABINET JOLLY; 54, rue de Clichy, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (f)

(51)⁷ E06B 3/66, C03C 17/36

(11) WO 03/087516 (13) A1

(21) PCT/EP03/03857

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 17 045.2 **17 Apr/avr 2002** DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PASSIVE HOUSE SUITABLE GLAZING ELEMENT
• ELEMENT DE VITRAGE CONVENU A UNE MAISON PASSIVE

(71) INTERPANE GLASBESCHICHTUNGS GESELLSCHAFT MBH & CO. [DE/DE]; Sohnreystasse 21, 37697 Lauenförde (DE).

(72) HÄUSER, Karl; Am Waldfriedhof 2, 37688 Beverungen (DE). GLÄSER, Hans, J.; Paul-Ehrlich-Str. 10, 51643 Gummersbach (DE). HERLITZE, Lothar; Sollingstr. 17, 37691 Derental (DE).

(74) KÖRFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) NO.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ E06B 3/90

(11) WO 03/087517 (13) A1

(21) PCT/NL03/00220

(22) 24 Mar/mar 2003 (24.03.2003)

(25) nl (26) en

(30) 1020328 **8 Apr/avr 2002** NL
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • REVOLVING DOOR
• PORTE-TAMBOUR

(71) BOON EDAM B.V. [NL/NL]; Ambachstraat 4, NL-1135 GG Edam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAT, René, Cornelis [NL/NL]; Goudenregenstraat 73, NL-1441 HG Purmerend (NL).

(74) VAN BREDA, Jacques; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

- CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E06B 7/082**
- (11) **WO 03/087518** (13) A1
- (21) PCT/IB03/01474
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) en (26) en
- (30) 2002A000214 **17 Apr/avr 2002 IT (17.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FULLY PREFABRICATED STEEL ARMORED BLIND
- STORE RENFORCE EN ACIER ENTIEREMENT PREFABRIQUE
- (71, 72) GAULTIERO, Crozzoli [IT/IT]; Via di Vermicino, I-Rome 180 (IT).
- (74) WHARTON, Peter, Robert; Urquhart-Dykes & Lord, Tower House, Merriion Way, Leeds, West Yorkshire LS2 8PA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E06B 9/264**
- (11) **WO 03/087519** (13) A1
- (21) PCT/DK03/00218
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) da (26) en
- (30) PA 2002 00554 **15 Apr/avr 2002 DK (15.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A MULTI LAYER PANE UNIT WITH A BUILT-IN ADJUSTABLE LIGHT SCREENING DEVICE AND AN INSULATION WINDOW HAVING SUCH A PANE UNIT
- VITRE MULTICOUCHE INTEGRANT UN ECRAN ANTI-LUMIERE REGLABLE ET FENETRE ISOLANTE EQUIPEE D'UNE TELLE VITRE
- (71) VKR HOLDING A/S [DK/DK]; Tobaksvej 10, DK-2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LARSEN, Thomas, Tvedergaard [DK/DK]; Stratsvej 8, DK-6740 Bramming (DK). ULRIKSEN, Ulrik [DK/DK]; Fyrstenborgvej 9, DK-6900 Skjern (DK).
- (74) RAFFNSØE, Knud Rosenstand; International Patent-Bureau A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

- modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **E21B**
- (11) **WO 03/087520** (13) A2
- (21) PCT/US03/10069
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) en (26) en
- (30) 10/120,201 **10 Apr/avr 2002 US (10.04.2002)**
- (30) 10/154,435 **22 May/mai 2002 US (22.05.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS AND METHOD OF DETECTING INTERFACES BETWEEN WELL FLUIDS AND FOR DETECTING THE LAUNCH OF A DEVICE IN OIL-FIELD APPLICATIONS
- APPAREIL ET PROCÉDE POUR LA DETECTION D'INTERFACES ENTRE DES FLUIDES DE PUITSET POUR LA DETECTION DU LANCEMENT D'UN DISPOSITIF DANS DES GISEMENTS PETROLIFERES
- (71) BJ SERVICES COMPANY [US/US]; 5500 Northwest Central Drive, Houston, TX 77092 (US).
- (72) DILLENBECK, Robert, Lee; 21602 North Tanglecreek Lane, Spring, TX 77388 (US). CARLSON, Bradley, T.; 15111 Cypress Ridge, Cypress, TX 77429 (US). HUGHES, Ronnie, D.; 12 Cornerbrook Pl., The Woodlands, TX 77381 (US).
- (74) DUFFEY, Gregg, A.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E21B**
- (11) **WO 03/087521** (13) A2
- (21) PCT/US03/10593
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 10/118,463 **8 Apr/avr 2002 US (08.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GAS OPERATED AUTOMATIC, LIQUID PUMPING SYSTEM FOR WELLS
- SYSTEME DE POMPAGE DE LIQUIDE AUTOMATIQUE ACTIONNE PAR GAZ UTILISE DANS DES PUITS
- (71) BRANDYWINE ENERGY AND DEVELOPMENT COMPANY, INC. [US/US]; P.O. BOX 756, FRAZIER, PA 19355 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SWOYER, Gerald, L. [US/US]; 735 Monument Road, Malvern, PA 19355 (US). HUNT, Charles, H. [US/US]; 614 Weadley Road, Strafford, PA 19087 (US). YANIGA, Paul, M. [US/US]; 1115 E. Baltimore Pike, Kennett Square, PA 19348 (US). BORDOGNA, Richard, J. [US/US]; 15 Ashlawn Road, Malvern, PA 19355 (US).
- (74) ELAND, Stephen, H.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 720, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B**
- (11) **WO 03/087522** (13) A2
- (21) PCT/US03/10813
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 10/119,790 **10 Apr/avr 2002 US (10.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NOZZLE FOR JET DRILLING
- BUSE DE FORAGE AU JET
- (71) BUCKMAN JET DRILLING, INC. [US/US]; 183 St. Charles Avenue, Bowling Green, KY 42101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCKMAN, William, G., Sr.** [US/US]; 504 Memphis Junction Road, Bowling Green, KY 42101 (US). **DOTSON, Thomas, L.** [US/US]; 2729 Smallhouse Road, Bowling Green, KY 42104 (US). **MCDANIELS, Michael, D.** [US/US]; 3061 South Fork Road, Glasgow, KY 42141 (US). **BELL, Wendell, S.** [US/US]; 7675 Edmonton Road, Glasgow, KY 42141 (US).

(74) **COOKE, Claude, E., Jr.**; Baker Botts L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E21B

(11) **WO 03/087523** (13) A2

(21) PCT/US03/11418

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,399 **12 Apr/avr 2002 (12.04.2002)** US

(30) 10/411,543 **10 Apr/avr 2003 (10.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPLIT CARRIER ANNULUS SEAL ASSEMBLY FOR WELLHEAD SYSTEMS
• ENSEMBLE PRESSE-ETOUPÉ A SUPPORT EN DEUX BLOCS POUR SYSTÈMES DE TÊTE DE PUITS

(71) **DRIL-QUIP, INC.** [US/US]; 13550 Hempstead Highway, Houston, TX 77040 (US).

(72) **REIMERT, Larry, E.**; 6 Winner's Circle, Houston, TX 77024 (US). **MILBERGER, Lionel, J.**; 8911 Rocky Lane, Houston, TX 77040 (US).

(74) **HELMREICH, G., Loren**; Browning, Bushman, PC, Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 7/08, 17/10

(11) **WO 03/087524** (13) A1

(21) PCT/US03/11455

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 60/372,004 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WHIPSTOCK ASSEMBLY AND METHOD OF MANUFACTURE
• DISPOSITIF DE SIFFLET DEVIATEUR ET SON PROCÉDE DE FABRICATION

(71) **WEATHERFORD/LAMB, INC.** [US/US]; 515 POST OAK BOULEVARD, SUITE 600, HOUSTON, TX 77027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARTER, Thurman, B.** [US/US]; 2901 Roscheath Lane, Houston, TX 77073 (US). **REDLINGER, Thomas, M.** [US/US]; 1415 Eldridge Parkway, #2634, Houston, TX 77077 (US). **BRUNNERT, David, J.** [US/US]; 7915 Clarion Way, Houston, TX 77040 (US).

(74) **PATTERSON, William, B.**; Moser, Patterson & Sheridan LLP, 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E21B 7/20, 33/14

(11) **WO 03/087525** (13) A1

(21) PCT/US03/10324

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/370,910 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A ONE TRIP DRILLING AND CASING CEMENTING METHOD

• PROCÉDE DE FORAGE ET DE CIMENTATION DE TUBAGE EN UN SEUL ALLER ET RETOUR

(71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) **VINCENT, Ray, P.**; 11226 Golden Ray Drive, Cypress, TX 77429 (US). **KOEHRMANN, Frank**; 5331 Shady Maple Drive, Kingwood, TX 77339 (US). **GIVENS, George, E.**; 22910 Briarhorn Drive, Spring, TX 77389 (US). **KRAUSS, Christiaan, D.**; 16038 Cutten Road, Houston, TX 77069 (US). **WOOD, Edward, T.**; 2155 Lake Village Dr., Kingwood, TX 77339 (US). **MAKOHL, Friedhelm**; Weesener Strasse 38, D-29320 Hermannsburg (DE). **HAUGHTON, David, B.**; 13606 Mansor Drive, Houston, TX 77041 (US).

(74) **CARSON, Matt, W. et al.** / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 17/10, 21/10

(11) **WO 03/087526** (13) A1

(21) PCT/GB03/01432

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 0207851.7 **5 Apr/avr 2002 (05.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STABILISER, JETTING AND CIRCULATING TOOL

• INSTRUMENT DE STABILISATION, D'EXCAVATION AU JET ET DE CIRCULATION

(71) **SPECIALISED PETROLEUM SERVICES GROUP LIMITED** [GB/GB]; Arnhall Business Park, Westhill, Aberdeen AB32 6TQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TELFER, George** [GB/GB]; 19 Grosvenor Place, Aberdeen AB25 2RE (GB).

(74) **KENNEDYS PATENT AGENCY LIMITED**; Queens House, 5th Floor, 29 St Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 19/00, 17/01**

(11) **WO 03/087527** (13) A1

(21) PCT/EP03/04177

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 0208604.9 **15 Apr/avr 2002 (15.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **MARINE RISER INSTALLATION**

• **INSTALLATION DE COLONNE MONTANTE MARINE**

(71) **STOLT OFFSHORE SA** [FR/FR]; 32 Avenue Pablo Picasso, TSA 76001, F-92754 Nanterre Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEATRIX, Etienne** [FR/FR]; 22 Avenue du général de Gaulle, F-78110 Le Vesinet (FR).

(74) **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 IRS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 19/07, 19/10**

(11) **WO 03/087528** (13) A1

(21) PCT/GB03/01410

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) en

(30) 0207908.5 **5 Apr/avr 2002 (05.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **IMPROVED SLIPS**

• **COINS DE RETENUE PERFECTIONNES**

(71) **MARIS TDM LIMITED** [GB/GB]; Knightway House, Park Street, Bagshot, Surrey GU19 5AQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AYLING, Laurence, John** [GB/GB]; Maywood Lodge, Maywood Drive, Camberley, Surrey GU15 1LH (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, NR Westerham, Kent TN16 2BB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **E21B 21/00, 33/138**

(11) **WO 03/087529** (13) A1

(21) PCT/NL03/00276

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) nl (26) en

(30) 1020355 **10 Apr/avr 2002 (10.04.2002)** NL

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD OF DRILLING WITH MAGNETORHEOLOGICAL FLUID**

• **PROCEDE DE FORAGE D'UN TROU DE FORAGE**

(71) **TECHNISCHE UNIVERSITEIT DELFT** [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZITHA, Pacelli, Lidio, Jose** [FR/NL]; Wielengahof 44, NL-2625 LK Delft (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 23/04, 23/06**

(11) **WO 03/087530** (13) A1

(21) PCT/GB03/01406

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(30) 10/116,772 **4 Apr/avr 2002 (04.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **RELEASING MECHANISM FOR DOWNHOLE SEALING TOOL**

• **MECANISME DE LIBERATION DESTINE A UN OUTIL D'TANCHEIFICATION DE FOND**

(71) **WEATHERFORD/LAMB, INC.** [US/US]; 515 Post Oak Blvd, Suite 600, Houston, TX 77027 (US).

(71) **HARDING, Richard, Patrick** [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
(only for / seulement pour IS)

(72) **ZIMMERMAN, Patrick, J.**; 16326 Brookville, Houston, TX 77059 (US). **TURLEY, Rocky, A.**; 12010 Cypress Place Dr, Houston, TX 77065 (US). **ELDRIDGE, William, J.**; 14407 Cypress Branch, Cypress, TX 77429 (US). **RITTER, Michael, G.**; 2250 Stable Ridge, Conroe, TX 77384 (US). **INGRAM, Gary, D.**; 6327 Bridlewood Drive, Richmond, TX 77469 (US). **NGUYEN, Thomas, N.**; 6722 Deer Ridge, Houston, TX 77086 (US).

(74) **MARKS & CLERK et al.** / etc.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 33/138, 43/26, 43/32**

(11) **WO 03/087531** (13) A1

(21) PCT/NL03/00275

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) nl (26) en

(30) 1020354 **10 Apr/avr 2002 (10.04.2002)** NL

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD TO FORM A BARRIER IN A RESERVOIR WITH A MAGNETORHEOLOGICAL FLUID**

- PROCEDE D'EXTRACTION DE PE-TROLE

(71) **TECHNISCHE UNIVERSITEIT DELFT** [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZITHA, Pacelli, Lidio, Jose** [FR/NL]; Wielengahof 44, NL-2625 LK Delft (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus**; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 37/06, C10L 3/00**

(11) **WO 03/087532** (13) A1

(21) PCT/CA03/00528

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,522 **12 Apr/avr 2002** US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTIFREEZE PROTEINS FOR INHIBITION OF CLATHRATE HYDRATE FORMATION AND REFORMATION

- PROTEINES ANTIGEL PERMETTANT D'INHIBER LA FORMATION ET LA REFORMATION D'HYDRATE DE CLATHRATE

(71) **QUEEN'S UNIVERSITY AT KINGSTON** [CA/CA]; Kingston, Ontario K7L 3N6 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALKER, Virginia, K.** [CA/CA]; RR #1, Sydenham, Ontario K0H 2T0 (CA). **RIPMEESTER, John, A.** [CA/CA]; 29 De-long Drive, Ottawa, Ontario K1J 7E5 (CA). **ZENG, Huang** [CN/CA]; 324 Cambridge Street North, Ottawa, Ontario K1R 7B5 (CA).

(74) **ROBINSON, J., Christopher** et al. / etc.; Fetherstonhaugh % CO., Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **E21B 43/10, 43/08**

(11) **WO 03/087533** (13) A1

(21) PCT/US03/10330

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 10/118,841 **9 Apr/avr 2002** US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR TREATING THE BOREHOLE WALL AND EXPANDING A SCREEN

- APPAREIL ET PROCEDE POUR TRAITER UNE PAROI DE TROU DE FORAGE ET POUR DEPLOYER UN TAMIS

(71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) **GABRYSCH, Allen, D.**; 15914 Pebble Bend Drive, Houston, TX 77068 (US). **TRIPLETT, William, N.**; 5226 Ashmere Lane, Spring, TX 77379 (US).

(74) **CARSON, Matt, W.** et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 43/16**

(11) **WO 03/087534** (13) A1

(21) PCT/US03/08826

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 10/0115,924 **5 Apr/avr 2002** US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CARBON DIOXIDE PIPELINE

- PIPELINE POUR DIOXYDE DE CARBONE

(71, 72) **GILBERT, Britt, R.** [US/US]; 906 Bywater Road, Annapolis, MD 21401 (US).

(72) **HOOPER, Eugene, N.** (deceased / décédé).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **E21B 43/36, B01D 21/24, 21/26, 17/032, 17/038, 19/00**

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(21) PCT/GB03/01254

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(30) 02252503.4 **8 Apr/avr 2002** EP (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSEA PROCESS ASSEMBLY

- ENSEMBLE DE TRAITEMENT SOUS-MARIN

(71) **COOPER CAMERON CORPORATION** [US/US]; 1333 West Loop South, Suite 1700, Houston, TX 77027-9109 (US).

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(72, 75) **HOPPER, Hans, Paul** [GB/GB]; Hillhouse, Whiterashers, Aberdeenshire AB21 0QL (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 47/09**

(11) **WO 03/087536** (13) A1

(21) PCT/US03/06125

(22) **28 Feb/fév 2003 (28.02.2003)**

(25) en (26) en

(30) 10/121,399 **12 Apr/avr 2002** US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETICALLY ACTIVATED WELL TOOL

- OUTIL DE Puits A FONCTIONNEMENT MAGNETIQUE

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).

(72) **YOO, Kwang, M.**; 13911 Cedar Point, Houston, TX 77077 (US).

(74) **ROSE, Collin, A. et al.** / etc.; CONLEY ROSE, P.C., P.O. Box 3267, Houston, TX 77253-3667 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21D 9/08, E21B 10/50**

(11) **WO 03/087537** (13) A1

(21) PCT/JP03/04758

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) ja (26) ja

(30) 2002-114242 **17 Apr/avr 2002 JP (17.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **DISK ROLLER CUTTER AND DISK ROLLER CUTTER MONITORING SYSTEM**

• **HAVEUSE A CYLINDRE A DISQUE ET SYSTEME DE SURVEILLANCE ASSOCIE**

(71) **STARLOY CORPORATION** [JP/JP]; 1317-1, Kamiyuge, Kumenan-cho, Kume-gun, Okayama 709-3612 (JP). **OISHI INTERNATIONAL SYSCOM CO., LTD.** [JP/JP]; 3-4-18, Higashi Nihonbashi, Chuo-ku, Tokyo 103-0004 (JP).

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(72, 75) **MOTONAMI, Yoshihiro** [JP/JP]; c/o STARLOY CORPORATION, 1317-1, Kamiyuge, Kumenan-cho, Kume-gun, Okayama 709-3612 (JP). **OISHI, Kazuyoshi** [JP/JP]; c/o OISHI INTERNATIONAL SYSCOM CO., LTD., 3-4-18, Higashi Nihonbashi, Chuo-ku, Tokyo 103-0004 (JP).

(74) **TAKEUCHI, Saburo et al.** / etc.; c/o TAKEUCHI & ASSOCIATES, 6F, Toranomon 1-chome Mori Bldg., 19-5, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21D 21/00, 21/02, 20/02**

(11) **WO 03/087538** (13) A1

(21) PCT/ZA03/00050

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 01/10206 **12 Apr/avr 2002 ZA (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **A ROCK BOLT**
• **BOULON D'ANCRAGE**

(71) **ROCK MECHANICS TECHNOLOGY LIMITED** [GB/GB]; Bretby Business Park, Ashby Road, Stanhope Bretby, Burton-on-Trent, Staffordshire DE 15 0QD (GB). **BREDENKAMP, Karel, Francois** [ZA/ZA]; 3 Gê Korsten Street, Vorna Vallex, 1686 Midrand (ZA).

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(72, 75) **ALTOUNYAN, Peter, Frank, Reinhold, Farcroft** [GB/GB]; 1A Bridge Street, Packington, Leicestershire LE65 1 WB (GB).

(74) **TRUTER, Jacobus, Tridoux;** D M Kisch INC, P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01B 9/00, F02B 75/32, F16H 21/50, F16J 15/447**

(11) **WO 03/087539** (13) A1

(21) PCT/RU03/00151

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) ru (26) ru

(30) 2002109446 **12 Apr/avr 2002 RU (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **PISTON ENGINE, A MECHANISM FOR CONVERTING COMBINED RECIPROCAL AND ROTATIONAL MOTION INTO ROTATIONAL MOTION AND A SEALING DEVICE FOR A CHAMBER**

• **MACHINE A PISTONS, MECANISME DE TRANSFORMATION DE MOUVEMENT EN VA-ET-VIENT COMPLEXE ET ROTATIF EN MOUVEMENT ROTATIF ET JOINT D'ETANCHEITE POUR CHAMBRE**

(71, 72) **ZHULIDOV, Nikolay Vasilievich** [RU/RU]; Zelenograd, 1007-96, Moscow, 103575 (RU).

(74) **PEVTSOV, Dmitry Alexandrovich;** ul. B.Pereyaslavskaya, 5-1-28, Moscow, 129110 (RU).

(81) AE AU CA CN CZ HU ID IL IN JP KR LV PL SK TR UA US UZ.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F01C 1/04**

(11) **WO 03/087540** (13) A1

(21) PCT/US03/07100

(22) **6 Mar/mar 2003 (06.03.2003)**

(25) en (26) en

(30) 60/371,998 **11 Apr/avr 2002 US (11.04.2002)**

(30) 10/342,954 **14 Jan/jan 2003 US (14.01.2003)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **SCROLL TYPE FLUID DISPLACEMENT APPARATUS WITH FULLY COMPLIANT FLOATING SCROLLS**

• **APPAREIL DE DEPLACEMENT DE FLUIDE DU TYPE A VOLUTES PLANES AVEC VOLUTES FLOT-TANTES COMPLETEMENT SOUPLES**

(71) **SCROLL LABORATORIES, LLC** [US/US]; 1401 South Joliet Road, Unit B, Romeoville, IL 60446 (US).

(72) **NI, Shima;** 8538 Thistlewood Court, Darien, IL 60516 (US).

(74) **BRUESS, Steven, C.;** Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01D 21/04, F02C 6/12**

(11) **WO 03/087541** (13) A1

(21) PCT/CH03/00237

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) de (26) de

(30) 02405293.8 **12 Apr/avr 2002 EP (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **TURBO CHARGER WITH MEANS ON THE SHAFT FOR AXIALLY SECURING OF SAID SHAFT IF THE COMPRESSOR WHEEL BURSTS**

• **TURBOCOMPRESSEUR POUR VU D'UN MOYEN SUR L'ARBRE PERMETTANT LA FIXATION AXIALE DE CET ARBRE EN CAS DE RUPTURE DE LA ROUE DE COMPRESSEUR**

(71) **ABB TURBO SYSTEMS AG** [CH/CH]; Bruggerstrasse 71a, CH-5400 Baden (CH).

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(72, 75) **KOPP, Adrian** [CH/CH]; Sagiweg 4, CH-5416 Kirchdorf (CH). **GARTMANN, Marco** [CH/CH]; Zürichstrasse 24, CH-5426 Lengnau (CH). **GWEHENBERGER, Tobias** [CH/CH]; Spyristrasse 20, CH-8044 Zürich (CH).

(74) **ABB SCHWEIZ AG**; Brown Boveri Strasse 6, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01K 13/00**

(11) **WO 03/087542** (13) A1

(21) PCT/US03/10058

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 10/121,783 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR ENERGY GENERATION UTILIZING TEMPERATURE FLUCTUATION-INDUCED FLUID PRESSURE DIFFERENTIALS

• PROCEDE ET APPAREIL DE GENERATION D'ENERGIE UTILISANT DES PRESSIONS DIFFERENTIELLES DE FLUIDE INDUITES PAR LA FLUCTUATION DE LA TEMPERATURE

(71, 72) **CORCORAN, Craig, C.** [US/US]; 5806 N. Polk Drive, Kansas City, MO 64151-2690 (US).

(74) **CAMACHO, Jesse, J. et al.** / etc.; Shook, Hardy & Bacon, L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01K 23/10**

(11) **WO 03/087543** (13) A1

(21) PCT/NL03/00271

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) nl (26) en

(30) 1020350 **10 Apr/avr 2002 NL (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STEAM AND GAS TURBINE INSTALLATION

• INSTALLATION DE TURBINE A VAPEUR ET A GAZ

(71, 72) **OUWERKERK, Henk** [NL/NL]; De Vloet 13, NL-5707 ZC Helmond (NL).

(74) **DOHMEN, Johannes, Maria, Gerardus et al.** / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01L**

(11) **WO 03/087544** (13) A2

(21) PCT/US03/10757

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,249 **8 Apr/avr 2002 US (08.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPACT LOST MOTION SYSTEM FOR VARIABLE VALVE ACTUATION

• SYSTEME COMPACT DE PERTE DE MOUVEMENT POUR ACTIONNEMENT VARIABLE DE SOUPAPE

(71) **DIESEL ENGINE RETARDERS, INC.** [US/US]; 16 West Main Street, Christiana, DE 19702 (US).

(72) **VANDERPOEL, Richard, E.**; 1 Musket Trail, Bloomfield, CT 06002 (US). **SCHWOERER, John, A.**; 480 Woodland Road, Storrs, CT 06268 (US). **MOSSBERG, Jeffrey**; 22 Strawberry Hill, Windsor, CO 06095 (US). **ERNEST, Steven**; 316 Palisado Avenue, Windsor, CT 06095 (US). **HUANG, Shengqiang**; 95 Old Farms Road, West Simsbury, CO 06092 (US).

(74) **YOHANNAN, David, R.**; Collier Shannon Scott, PLLC, 3050 K Street, NW, Suite 400, Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01L 9/02**

(11) **WO 03/087545** (13) A1

(21) PCT/US03/10633

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 60/369,879 **5 Apr/avr 2002 US (05.04.2002)**

(30) 10/342,178 **15 Jan/jan 2003 US (15.01.2003)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTEGRATED PRIMARY AND AUXILIARY VALVE ACTUATION SYSTEM

• SYSTEME INTEGRE D'ACTIONNEMENT DE SOUPAPE AUXILIAIRE ET DE DISPOSITIF PRIMAIRE

(71) **DIESEL ENGINE RETARDERS, INC.** [US/US]; 16 West Main Street, Christiana, DE 19702 (US).

(72) **VANDERPOEL, Richard**; 1 Musket Trail, Bloomfield, CT 06002 (US).

(74) **RYGIEL, Mark, W.**; Collier Shannon Scott, PLLC, 3050 K Street, NW, Suite 400, Washington, DC 20007-5108 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **F01M 1/18, F02D 41/22, F16N 29/04**

(11) **WO 03/087546** (13) A1

(21) PCT/SE03/00563

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 0201066-8 **9 Apr/avr 2002 SE (09.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR DETECTING LUBRICANT IN THE FUEL OF AN INTERNAL COMBUSTION ENGINE

• SYSTEME ET PROCEDE DE DETECTION DE LUBRIFIANT DANS LE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

(71, 72) **PERSSON, Leif** [SE/US]; 727 81st Street, Downers Grove, IL 60516 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 1/06, B25D 17/12, G10K 11/16, F16L 55/033, G10K 11/175

(11) WO 03/087547 (13) A1

(21) PCT/FR03/01106

(22) 8 Apr/avr 2003 (08.04.2003)

(25) fr (26) fr

(30) 02/04640 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXHAUST CHAMBER COMPRISING AN ENVELOPE DEFINING A GAS CIRCULATION PASSAGE

• VOLUME D'ÉCHAPPEMENT COMPORTANT UNE ENVELOPPE DELIMITANT UN PASSAGE DE CIRCULATION DES GAZ

(71) FAURECIA SYSTEMES D'ÉCHAPPEMENT [FR/FR]; 2, rue Hennape, F-92000 Nanterre (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLIN, Laurent [FR/FR]; 34, rue Pardonnet, F-25200 Montbéliard (FR).

(74) BLOT, Philippe et al. / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F01N 3/28

(11) WO 03/087548 (13) A1

(21) PCT/EP03/02678

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 17 259.5 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CATALYST SUPPORT BODY WITH CORRUGATED SLEEVE AND METHOD FOR PRODUCTION THEREOF

• CORPS SUPPORT DE CATALYSEUR COMPORTANT UNE GAINE ONDULÉE ET PROCÉDE DE FABRICATION

(71) EMITEC GESELLSCHAFT FÜR EMISIONSTECHNOLOGIE MBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).

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(72, 75) MAUS, Wolfgang [DE/DE]; Gut Horst, 51429 Bergisch Gladbach (DE). KONIECZNY, Jörg-Roman [DE/DE]; Bahnhofstrasse 17, 53721 Siegburg (DE). KURTH, Ferdi [DE/DE]; Zeisigpfad 5, 53894 Mechernich (DE). SCHMIDT, Udo [DE/DE]; Leipziger Str. 10, 53819 Neunkirchen (DE). LÖWEN, Alex [DE/DE]; Langemarkstrasse 54, 53840 Troisdorf (DE). WIERES, Ludwig [DE/DE]; Oppelner Strasse 2, 51491 Overath (DE).

(74) KAHLHÖFER, Hermann; Patentanwälte Kahlhöfer Neumann Herzog Fieser, Karlstrasse 76, 40210 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 3/28, B01J 35/04

(11) WO 03/087549 (13) A1

(21) PCT/EP03/04047

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) 102 17 260.9 18 Apr/avr 2002 DE (18.04.2002)

(30) 102 18 856.4 26 Apr/avr 2002 DE (26.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CALIBRATED CATALYST CARRIER ELEMENT COMPRISING A CORRUGATED SHEATH AND METHOD FOR THE PRODUCTION THEREOF

• CORPS SUPPORT CATALYSEUR CALIBRE ET DOTE D'UNE ENVELOPPE ONDULÉE ET SON PROCÉDE DE PRODUCTION

(71) EMITEC GESELLSCHAFT FÜR EMISIONSTECHNOLOGIE MBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURTH, Ferdi [DE/DE]; Zeisigpfad 5, 53894 Mechernich (DE). SCHMIDT, Udo [DE/DE]; Leipziger Str. 10, 53819 Neunkirchen (DE).

(74) KAHLHÖFER, Hermann; PATENTANWÄLTE KAHLHÖFER NEUMANN HERZOG FIESSER, Karlstrasse 76, 40210 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01N 11/00, 3/20

(11) WO 03/087550 (13) A1

(21) PCT/US03/10417

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,445 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING A GAS-EMITTING PROCESS AND RELATED DEVICES

• PROCÉDE ET APPAREIL DESTINÉS À RÉGULER UN PROCESSUS D'ÉMISSION DE GAZ ET DISPOSITIFS ASSOCIÉS

(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) STEICHEN, John, Carl [US/US]; 1735 Flint Hill Road, Landenberg, PA 19350 (US). MORRIS, Patricia, A. [US/US]; P.O. Box 532, Montchanin, DE 19710 (US). BARNES, John, James [IE/US]; 41 Pierson's Ridge, Hockessin, DE 19707 (US).

(74) LANGWORTHY, John, A.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ

MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ F01P 7/16
(11) WO 03/087551 (13) A1
(21) PCT/DE03/01227
(22) 11 Apr/avr 2003 (11.04.2003)
(25) de (26) de
(30) 102 16 720.6 15 Apr/avr 2002 DE (15.04.2002)
(30) 103 16 753.6 10 Apr/avr 2003 DE (10.04.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD FOR CONTROLLING AND/OR REGULATING A COOLING SYSTEM OF A MOTOR VEHICLE
• PROCEDE POUR LA COMMANDE OU LA REGULATION D'UN CIRCUIT DE REFROIDISSEMENT D'UN VEHICULE AUTOMOBILE
(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MANN, Karsten [DE/DE]; Hohewartstrasse 122, 70469 Stuttgart (DE).
(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).
(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F01P 7/16
(11) WO 03/087552 (13) A1
(21) PCT/DE03/01228
(22) 11 Apr/avr 2003 (11.04.2003)
(25) de (26) de
(30) 102 16 646.3 15 Apr/avr 2002 DE (15.04.2002)
(30) 103 16 017.5 7 Apr/avr 2003 DE (07.04.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD FOR CONTROLLING AND/OR REGULATING A COOLING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE
• PROCEDE PERMETTANT DE COMMANDER ET/OU DE REGULER UN SYSTEME DE REFROIDISSEMENT D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE AUTOMOBILE
(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MANN, Karsten [DE/DE]; Hohewartstrasse 122, 70469 Stuttgart (DE).
(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02B 53/00, 53/04, 53/06, F01C 1/344, F02B 41/10, F01C 11/00
(11) WO 03/087553 (13) A1
(21) PCT/CZ03/00023
(22) 15 Apr/avr 2003 (15.04.2003)
(25) en (26) en
(30) PV 2002-1326 16 Apr/avr 2002 CZ (16.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • FOUR-STROKE ROTARY INTERNAL-COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE ROTATIF QUATRE-TEMPS
(71, 72) FROLIK, Jiri [CZ/CZ]; Makovského 1340, 163 00 Prague 6 (CZ).
(72, 75) PIROUTEK, Lubos [CZ/CZ]; Nad Kolonii 906/5, 140 00 Prague 4 (CZ).
(74) PIROUTEK, Lubos; Nad Kolonii 906/5, 140 00 Prague 4 (CZ).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 75/18
(11) WO 03/087554 (13) A1
(21) PCT/US03/10493
(22) 4 Apr/avr 2003 (04.04.2003)
(25) en (26) en
(30) 60/370,791 6 Apr/avr 2002 US (06.04.2002)
(30) Not furnished / 3 Apr/avr 2003 US non communiqué (03.04.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE
(71, 72) DANIEL, Christopher, L. [US/US]; 6424 Rainier Ct, Rockland, CA 95677 (US).
(74) ALBERTI, David, L.; Gray Cary Ware & Freidenrich LLP, Attn: Patent Department, 2000 University Avenue, East Palo Alto CA 94303-2248 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 75/20, F01M 11/12, F02M 63/02, 47/02, 55/02
(11) WO 03/087555 (13) A1
(21) PCT/DE03/00506
(22) 18 Feb/fév 2003 (18.02.2003)
(25) de (26) de
(30) 102 17 383.4 18 Apr/avr 2002 DE (18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • CYLINDER HEAD-INTEGRATED DIESEL INJECTION SYSTEM COMPRISING AN OIL SENSOR
• SYSTEME D'INJECTION DIESEL INTEGRE A LA CULASSE ET DOTE D'UN DETECTEUR D'HUILE
(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) UNRUH, Marcus [DE/DE]; Kellerweg 11, 93197 Zeitlarn (DE). KLÜGL, Wendelin [DE/DE]; Föhrenstrasse 1, 92358 Seubersdorf (DE). WARGA, Johann [DE/DE]; Blumenstrasse 6/3, 74321 Bietigheim-Bissingen (DE).
(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ F02B 75/32
(11) WO 03/087556 (13) A1
(21) PCT/BR02/00116
(22) 15 Aug/août 2002 (15.08.2002)
(25) en (26) en
(30) MU 8200691-1 9 Apr/avr 2002 BR (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • INTERNAL-COMBUSTION ENGINE
• MOTEUR THERMIQUE
(71, 72) RODRIGUES, Casimiro Moisés [BR/BR]; Rua Alfonso de Freitas, 550, apto. 42, CEP-04006-052 São Paulo, SP (BR).
(74) TINOCO SOARES, José Carlos Jr.; Tinoco Soares & Filho S/C Ltda, Av. Indianópolis, 995, CEP-04063-001 São Paulo, SP (BR).
(81) AE AG AL AM AT AU AZ BA BB BG BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 75/40, 75/32

(11) WO 03/087557 (13) A1

(21) PCT/CN03/00240

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/123,402 17 Apr/avr 2002 US
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE

(71, 72) TSE, Kwongwang [CN/CN]; Unit
17A, Block 1, Wo Hong Path, Kwun Tong,
Kowloon, Hong Kong (CN).

(74) LIU, SHEN & ASSOCIATES; A0601,
Huibin Building, 8, Beichen Dong Street,
Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (b)

(51)⁷ F02C 7/20, F01D 25/24, 25/28

(11) WO 03/087558 (13) A1

(21) PCT/SE03/00489

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0201063-5 9 Apr/avr 2002 SE
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SHIELD DEVICE
• DISPOSITIF ECRAN

(71) TURBEC AB [SE/SE]; Box 21512, S-200 21
Malmö (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REHN, Johnny [SE/SE]; Bjälkgatan 9
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(74) STRÖM & GULLIKSSON; Intellectual
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S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F02C 7/232, F23R 3/36

(11) WO 03/087559 (13) A1

(21) PCT/JP03/04788

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112630 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBUSTOR OF GAS TURBINE
• BRULEUR DE TURBINE A GAZ

(71) MITSUBISHI HEAVY INDUSTRIES,
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(72, 75) HIRASAKI, Takeo [JP/JP]; c/o
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(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
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(81) CN DE US.

(51)⁷ F02D 41/00, F02M 37/00

(11) WO 03/087560 (13) A1

(21) PCT/DE03/01168

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 17 379.6 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR DETERMINING FUEL
QUALITY AND CORRESPONDING
METHOD
• DISPOSITIF POUR DETERMINER LA
QUALITE D'UN CARBURANT ET
PROCEDE CORRESPONDANT

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
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les États désignés sauf US)

(72, 75) WIESE, Matthias [DE/DE]; Kiesstr. 31,
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(74) SIEMENS AKTIENGESELLSCHAFT;
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(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ F02D 41/30, 19/10

(11) WO 03/087561 (13) A1

(21) PCT/CA03/00537

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/119,175 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR
FUEL INJECTION INTO AN INTER-
NAL COMBUSTION ENGINE
• PROCEDE ET APPAREIL D'INJEC-
TION DE CARBURANT DANS UN
MOTEUR A COMBUSTION INTERNE

(71) WESTPORT RESEARCH INC. [CA/CA];
1700 West 75th Avenue, Vancouver, British
Columbia V6P 6G2 (CA).
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les États désignés sauf US)

(72, 75) ANCIMER, Richard [CA/CA]; 1108
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bia V5L 4P9 (CA). TANIN, Konstantin
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(74) OYEN, Gerald, O., S. et al. / etc.; Oyen
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601 West Cordova Street, Vancouver, British
Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F02D 41/40, 35/02, 41/14

(11) WO 03/087562 (13) A1

(21) PCT/FR03/01100

(22) 8 Apr/avr 2003 (08.04.2003)

(25) fr (26) fr

(30) 02/04815 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIESEL ENGINE COMPRISING A DE-
VICE FOR CONTROLLING THE FLOW
OF INJECTED FUEL

- MOTEUR DIESEL COMPORTANT UN DISPOSITIF DE CONTRÔLE DU DÉBIT D'INJECTION DE CARBURANT

(71) **PEUGEOT CITROEN AUTOMOBILES SA** [FR/FR]; Route de Gisy, F-78943 Velizy-Villacoublay Cedex (FR). **DELPHI TECHNOLOGIES INC.** [US/US]; P.O. Box 5052, Troy, MI 48007 (US).
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(72, 75) **VERMONET, Claire** [FR/FR]; 7, Avenue Victor Hugo, F-75116 Paris (FR). **SOUCHON, Vincent** [FR/FR]; 3, villa du clos Malevert, F-75011 Paris (FR). **MEISSONNIER, Guillaume** [FR/FR]; 1, Bourges, F-41190 Landes le Gaulois (FR).

(74) **GRYNWALD, Albert**; Cabinet Grynwald, 127, rue du Faubourg Poissonnière, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **F02G 1/02**

(11) **WO 03/087563** (13) A1

(21) PCT/FI03/00278

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) fi (26) en

(30) 20020743 **18 Apr/avr 2002 (18.04.2002)** FI

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION EXTERNE

(71) **TIGAN HOLDING OY** [FI/FI]; Bulevardi 2-4 A, FIN-00120 Helsinki (FI).
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(72, 75) **TIGANE, Rein** [FI/FI]; Kivivuorenkuja 2 I 81, FIN-01620 Vantaa (FI).

(74) **HEINÄNEN OY**; Annankatu 31-33 C, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **F02G 3/00, F01K 25/08**

(11) **WO 03/087564** (13) A1

(21) PCT/US03/11250

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,768 **11 Apr/avr 2002 (11.04.2002)** US

(30) 60/379,587 **10 May/mai 2002 (10.05.2002)** US

(30) 60/404,644 **19 Aug/août 2002 (19.08.2002)** US

(30) 60/447,880 **14 Feb/fév 2003 (14.02.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATER COMBUSTION TECHNOLOGY-METHODS, PROCESSES, SYSTEMS AND APPARATUS FOR THE COMBUSTION OF HYDROGEN AND OXYGEN
• PROCÉDES, PROCESSUS, SYSTÈMES ET APPAREILS DE LA TECHNOLOGIE DE COMBUSTION DE L'EAU POUR LA COMBUSTION D'HYDROGENE ET D'OXYGENE

(71, 72) **HAASE, Richard, A.** [US/US]; 4402 Ringrose Drive, Missouri City, TX 77459 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ **F02K**

(11) **WO 03/087565** (13) A2

(21) PCT/US03/10931

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/120,830 **12 Apr/avr 2002 (12.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROPELLANT TEST APPARATUS AND METHOD
• APPAREIL ET PROCÉDE D'ESSAI D'AGENT PROPULSIF

(71) **ATLANTIC RESEARCH CORPORATION** [US/US]; 5945 Wellington Road, Gainesville, VA 20155-1699 (US).

(72) **KHADDURI, Farid, M.**; 5526 Westbard Avenue, Bethesda, MD 20816 (US). **SPEAR, Guy, Bruce**; 10636 Dominion Court, Orlean, VA 20128 (US).

(74) **PRESTA, Frank, P.**; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F02M 45/02, 59/46, 59/10, 57/02**

(11) **WO 03/087566** (13) A1

(21) PCT/DE03/01071

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) de (26) de

(30) 102 15 981.5 **11 Apr/avr 2002 (11.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INJECTION DEVICE FOR INTERNAL COMBUSTION ENGINES COMPRISING A CONTROL VALVE AND A VALVE FOR CONTROLLING THE SUPPLY OF FUEL TO AN INJECTION DEVICE
• SYSTÈME D'INJECTION POUR MOTEURS A COMBUSTION INTERNE, COMPRENANT UNE SOUPAPE DE COMMANDE, ET SOUPAPE DE COMMANDE D'AMENÉE DE CARBURANT DANS UN SYSTÈME D'INJECTION

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) **ASTACHOW, Andrej** [RU/DE]; Grabengasse 5, 93059 Regensburg (DE). **WARGA, Johann** [DE/DE]; Blumenstrasse 6/3, 74321 Bietigheim-Bissingen (DE).

(74) **SIEMENS AKTIENGESSELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **F02M 55/00**

(11) **WO 03/087567** (13) A1

(21) PCT/DE03/01239

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 15 980.7 **11 Apr/avr 2002 (11.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LEAKAGE CONNECTION FOR A FUEL INJECTOR
• RACCORDEMENT DE FUITE CONÇU POUR UN INJECTEUR DE CARBURANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **MARKSTEINER, Dieter** [DE/DE]; Von-Der-Tann-Str. 23, 93047 Regensburg (DE). **RÜBLING, Klaus** [DE/DE]; Sternbergstr. 26a, 93053 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ F02P 3/08, F02D 45/00

(11) WO 03/087568 (13) A1

(21) PCT/JP03/04604

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110305 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-190970 28 Jun/juin 2002 JP (28.06.2002)

(30) 2002-259680 5 Sep/sep 2002 JP (05.09.2002)

(30) 2002-306785 22 Oct/oct 2002 JP (22.10.2002)

(30) 2002-338065 21 Nov/nov 2002 JP (21.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IGNITION TIMING CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE-USE IGNITION DEVICE AND IGNITION TIMING CONTROL DEVICE

• PROCEDE DE COMMANDE DE SYNCHRONISATION D'ALLUMAGE D'UN MOTEUR A COMBUSTION INTERNE AU MOYEN D'UN DISPOSITIF D'ALLUMAGE ET D'UN DISPOSITIF DE COMMANDE DE SYNCHRONISATION D'ALLUMAGE

(71) **IIDA DENKI KOGYO CO.,LTD.** [JP/JP]; 5-14, Shimomoguro 1-chome, Meguro-ku, Tokyo 153-0064 (JP).

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(72, 75) **YAMASHITA, Ryohei** [JP/JP]; c/o IIDA DENKI KOGYO Co., Ltd., Mitaka Plant, 1-4, Shimorenjyaku 8-chome, Mitaka-shi, Tokyo 181-0013 (JP).

(74) **WATANABE, Kazutoyo**; 25-8, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F03B 13/18, C02F 1/44, B01D 61/08

(11) WO 03/087569 (13) A1

(21) PCT/US03/10514

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,085 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BARGE-MOUNTED TIDAL-POWERED DESALINIZATION SYSTEM

• SYSTEME DE DESSALEMENT MONTE SUR BARGE ET ALIMENTE PAR L'ENERGIE MAREE MOTRICE

(71) **LUNATECH, LLC** [US/US]; 723 South Casino Center Blvd., Second Floor, Las Vegas, NV 89101-6716 (US).

(72) **STARK, Christian**; 8601 Maple Lane, Edmonds, WA 98026 (US). **HOLTON, Brett**; 8601 Maple Lane, Edmonds, WA 98026 (US).

(74) **BYRNE, Mark, D.**; Black Lowe & Graham PLLC, 816 Second Avenue, Seattle, WA 98104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F03B 13/18, 13/24

(11) WO 03/087570 (13) A2

(21) PCT/US03/08825

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/116,000 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHODS FOR ENERGY CONVERSION IN AN OCEAN ENVIRONMENT

• APPAREIL ET PROCEDES DE CONVERSION D'ENERGIE DANS UN ENVIRONNEMENT OCEANIQUE

(71, 72) **VAN BREEMS, Marcus** [US/US]; 54 Beach Road, Norwalk, CT 06855 (US).

(74) **EPSTEIN, Robert, H.**; Epstein & Gerken, 1901 Research Boulevard, Suite 340, Rockville, MD 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D

(11) WO 03/087571 (13) A2

(21) PCT/US03/11238

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,522 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MICRO WIND GENERATOR ARRAY
• RESEAU DE MICRO-EOLIENNES

(71, 72) **FRIEDMAN, Murray** [US/US]; 130 Central Avenue, Lawrence, NY 11559 (US).

(74) **HELFGOTT, Samson et al.** / etc.; Katten, Muchin, Zavis, Rosenman, 575 Madison Avenue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 1/06, 3/06

(11) WO 03/087572 (13) A1

(21) PCT/DK03/00225

(22) 8 Apr/avr 2003 (08.04.2003)

(25) da (26) en

(30) PA 2002 00557 15 Apr/avr 2002 DK (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A BLADE FOR A WIND TURBINE AND A METHOD OF ASSEMBLING LAMINATED PROFILES FOR A BLADE

• PALE POUR EOLIENNE ET PROCEDE D'ASSEMBLAGE DE PROFILES STRATIQUES POUR UNE PALE

(71) **SSP TECHNOLOGY A/S** [DK/DK]; Industrivej 12, DK-5672 Broby (DK).

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(72, 75) **SØRENSEN, Flemming** [DK/DK]; Slotsalleen 3, DK-5700 Svendborg (DK). **SCHYTT-NIELSEN, Rune** [DK/DK]; Smedebakken 30, DK-8653 Them (DK).

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trup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
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(51)⁷ F03G 7/00

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(22) 8 Apr/avr 2003 (08.04.2003)

(25) ko (26) en

(30) 2002/19794 11 Apr/avr 2002 KR
(11.04.2002)

(30) 2002/32557 11 Jun/juin 2002 KR
(11.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD GENERATING CORIOLIS
FORCE OF NONINERTIAL FORCE
AND INNER PROPULSION METHOD
OF THE CLOSED SYSTEM USING
THE CORIOLIS FORCE

• PROCEDE DE PRODUCTION DE
FORCE DE CORIOLIS DE TYPE NON
INERTIEL ET PROCEDE DE PROPUL-
SION INTERNE DE SYSTEME FERME
UTILISANT LA FORCE DE CORIOLIS

(71) BTT CO., LTD. [KR/KR]; 4 floor, Seolim
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(72, 75) CHUNG, Byung, Tae [KR/KR];
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dowha-dong, Nam-gu, Incheon-shi 402-810
(KR).

(74) PANG, Byong, Chul; 4fl., Seolim Build-
ing, 1139-31 Guwol 1-dong, Namdong-gu,
Incheon-shi 405-221 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ F03G 7/00

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(22) 8 Apr/avr 2003 (08.04.2003)

(25) ko (26) en

(30) 2002/19794 11 Apr/avr 2002 KR
(11.04.2002)

(30) 2002/39880 10 Jul/juil 2002 KR
(10.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERNAL PROPULSION APPARA-
TUS OF CLOSED SYSTEM USING A
CORIOLIS FORCE

• APPAREIL A PROPULSION INTERNE
D'UN SYSTEME FERME AU MOYEN
DE LA FORCE DE CORIOLIS

(71) BTT CO., LTD [KR/KR]; 4 Floor, Seolim
Building, 1139-31, Guwol 1-dong, Nam-
dong-gu, Incheon-shi 405-221 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHUNG, Byung, Tae [KR/KR];
109-303 Ssukgol-maueul Apt., 534-28
dowha-dong, Nam-gu, Incheon-shi 402-810
(KR).

(74) PANG, Byong, Chul; 4fl., Seolim Build-
ing, 1139-31 Guwol 1-dong, Namdong-gu,
Incheon-shi 405-221 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F04B 1/30, 1/32, F15B 1/00, F04B 9/10,
1/20

(11) WO 03/087575 (13) A1

(21) PCT/EP03/03710

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 16 951.9 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDROTRANSFORMER

• TRANSFORMATEUR HYDRAULIQUE

(71) BOSCH REXROTH AG [DE/DE]; Heide-
hofstrasse 31, 70184 Stuttgart (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MARK, Alexander [DE/DE]; Josef-Be-
chold-Str. 14, 97299 Zell (DE). SCHÄF-
FER, Rudolf [DE/DE]; Rotkreuzstrasse 7,
97828 Marktheidenfeld (DE).

(74) BOSCH REXROTH AG; Zum Eisengiesser
1, 97816 Lohr am Main (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F04B 23/02

(11) WO 03/087576 (13) A1

(21) PCT/EP03/03637

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 202 05 936.7 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRAULIC PUMP, PARTICULARLY
FOR A POWER-ASSISTED STEERING
SYSTEM

• POMPE HYDRAULIQUE, NOTAM-
MENT POUR UN SYSTÈME DE DI-
RECTION ASSISTÉE

(71) TRW FAHRWERKSYSTEME GMBH &
CO. KG [DE/DE]; Hansaallee 190, 40457
Düsseldorf (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FEHLINGS, Dieter [DE/DE];
Neufelderstrasse 15a, 47906 Kempen (DE).

(74) STRASS, Jürgen; Prinz & Partner GbR,
Manzingerweg 7, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F04B 27/12

(11) WO 03/087577 (13) A1

(21) PCT/JP03/03620

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-115742 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SWASH PLATE TYPE COMPRESSOR

• COMPRESSEUR DU TYPE A PLAQUE
OSCILLANTE

(71) KABUSHIKI KAISHA UNICLA J
[JP/JP]; 125 Aza Nagaregawa, Oaza Toy-
oba, Toyoyama-cho, Nishikasugai-gun, Aichi
480-0202 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KATO, Shigeki [JP/JP]; 106,
Jukken-cho, Seto-shi, Aichi 489-0901 (JP).
YANO, Tsuneo [JP/JP]; 6-77, Sakuragaoka,
Kani-shi, Gifu 509-0235 (JP).

(74) MATSUNAGA, Nobuyuki; Urban Toranomon Building, 7F, 16-4, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ F04B 49/00

(11) WO 03/087578 (13) A1

(21) PCT/US03/10056

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/369,950 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIRECT CONNECTION MANIFOLD FOR RECIPROCATING PISTON PUMP
• DISTRIBUTEUR A CONNEXION DIRECTE POUR POMPE ALTERNATIVE

(71) GRACO MINNESOTA INC. [US/US]; 60 11th Ave. N.E., Minneapolis, MN 55413 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, David [US/US]; 19850 Quapaw Street NW, Oak Grove, MN 55303 (US). GUNDERSEN, Robert [US/US]; 7810 Padgett Avenue NE, Otsego, MN 55330 (US). HORNING, Jerry [US/US]; 2840 123rd Avenue NW, Coon Rapids, MN 55443 (US).

(74) FARROW, Douglas; GRACO MINNESOTA INC., 60 11th Ave. N.E., Minneapolis, MN 55413 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F04B 49/12, F03C 1/04

(11) WO 03/087579 (13) A1

(21) PCT/DE03/01294

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 16 684.6 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRIVE DEVICE FOR A MACHINE IN PARTICULAR A PUMP
• SYSTEME D'ENTRAÎNEMENT POUR UNE MACHINE, NOTAMMENT POUR UNE POMPE

(71, 72) BECK, Ernst [DE/DE]; Backnanger Strasse 7, 71566 Althütte (DE). SORG, Reinhard [DE/DE]; Auf dem Galgenberg 4, 74523 Schwäbisch Hall (DE).

(74) WEISSFLOH, Ingo; Ilberg & Weißfloh, Prellerstrasse 26, 01309 Dresden (DE).

(81) AE AL AM AT AU AZ BA BG BR BY CA CH CN CO CR CU CZ DE DK DZ EC EE ES FI GB GE GH HR HU ID IL IN IS JP KG KP KR KZ LK LT LU LV MA MD MG MK MX NO NZ OM PH PL PT RO RU SE SG SK TJ TM TN TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F04D 23/00, 17/16, B65G 53/42, 31/04

(11) WO 03/087580 (13) A1

(21) PCT/US03/07869

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/119,359 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BULK MATERIAL PUMP FEEDER
• SYSTEME D'ALIMENTATION PAR POMPE POUR MATERIAU EN VRAC

(71) K-TRON TECHNOLOGIES, INC. [US/US]; 300 Delaware Avenue, Suite 900, Wilmington, DE 19801 (US).

(72) BAER, Timothy, R.; 35 Cedarcroft Road, Gibbsboro, NJ 08026 (US). FOLEY, James, T.; 532 Sharp Drive, Mickleton, NJ 08056 (US).

(74) NEY, Andrew, L. et al. / etc.; RatnerPrestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 25/04, F16C 39/06

(11) WO 03/087581 (13) A1

(21) PCT/EP03/02389

(22) 8 Mar/mar 2003 (08.03.2003)

(25) de (26) de

(30) 102 16 447.9 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXHAUST GAS TURBOCHARGER
• TURBOCOMPRESSEUR A GAZ D'ÉCHAPPEMENT

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE). BORGWARNER INC. [US/US]; 3800 Automation Avenue, Suite 100, Auburn Hills, MI 48326-1782 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREMEREY, Johan, K. [DE/DE]; Oderstrasse 67, 53127 Bonn (DE). LANG, Matthias [DE/DE]; Dornspachstrasse 11, 02763 Zittau (DE). JAISLE, Jens-Wolf [DE/FR]; 54, rue du Penher, F-56190 Billiers (FR).

(74) PAUL, Dieter-Alfred et al. / etc.; Hellersbergstrasse 18, 41460 Neuss (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 29/28

(11) WO 03/087582 (13) A1

(21) PCT/JP03/04244

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101078 3 Apr/avr 2002 JP (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CENTRIFUGAL FAN ROTOR AND METHOD OF MANUFACTURING THE FAN ROTOR

• ROTOR DE VENTILATEUR CENTRIFUGE ET PROCÉDE DE FABRICATION DE CE ROTOR DE VENTILATEUR

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANAGI, Tsunehisa [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04F 1/02, 1/12

(11) WO 03/087583 (13) A1

(21) PCT/GB03/01506

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0207987.9 6 Apr/avr 2002 GB (06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VACUUM OPERATED INK PUMP

• POMPE A ENCRE COMMANDEE PAR DEPRESSION

(71) PRINTCO (UK) LIMITED [GB/GB]; Unit 5, Home Farm Business Park, Church Way, Whittlebury, Northamptonshire NN12 8XS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SNEDKER, Robert [GB/GB]; 11 Careys Road, Pury End, Towcester, Northamptonshire NN12 7NX (GB).

(74) GREGORY, Timothy, Mark; 26 Cyril Street, Northampton NN1 5EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 1/22, F04B 11/00

(11) WO 03/087584 (13) A1

(21) PCT/EP03/03460

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 102 17 081.9 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRO DAMPER

• AMORTISSEUR HYDRAULIQUE

(71) HYDAC TECHNOLOGY GMBH [DE/DE]; Industriegebiet, 66280 Sulzbach/Saar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALTES, Herbert [DE/DE]; Bornstrasse 22, 66679 Losheim (DE). RUPP, Gernot [DE/DE]; Zur Sandkaul 15a, 66571 Eppelborn (DE).

(74) BARTELS UND PARTNER; Lange Strasse 51, 70174 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F15B 11/16

(11) WO 03/087585 (13) A1

(21) PCT/EP03/03537

(22) 4 Apr/avr 2003 (04.04.2003)

(25) de (26) de

(30) 102 16 119.4 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRAULIC CONTROL SYSTEM USING LOAD-SENSING TECHNOLOGY

• SYSTEME DE COMMANDE HYDRAULIQUE FAISANT APPEL AU PRINCIPE DE LA SENSIBILITE DE CHARGE

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLBRICH, Gottfried [DE/DE]; Bleiche 71, 74343 Sachsenheim (DE).

(74) BOSCH REXROTH AG; Zum Eisengiesser 1, 97813 Lohr am Main (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F15B 13/04, A01J 5/017

(11) WO 03/087586 (13) A1

(21) PCT/SE03/00598

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0201155-9 17 Apr/avr 2002 SE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE FOR PRODUCING A LINEAR MOVEMENT

• DISPOSITIF DE PRODUCTION D'UN MOUVEMENT LINEAIRE

(71) DELAVAL HOLDING AB [SE/SE]; P.O. Box 39, S-147 21 Tumba (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHANNESSON, Leif, Börje [SE/SE]; Elgentorpsv. 17, S-146 30 Tullinge (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmmsg. 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 15/10

(11) WO 03/087587 (13) A1

(21) PCT/EP03/03458

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 202 05 654.6 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLUID-ACTUATED CONTRACTION DRIVE AND ASSOCIATED CONTRACTION TUBE

• ENTRAINEMENT PAR CONTRACTION ACTIONNE PAR UN FLUIDE ET TUYAU DE CONTRACTION CORRESPONDANT

(71) FESTO AG & CO [DE/DE]; Ruiter Strasse 82, 73734 Esslingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWARZ, Stefan [DE/DE]; Stuttgarter Strasse 14, 72655 Altdorf (DE). LORENZ, Bernd [DE/DE]; Waldstrasse 15, 73666 Baltmannsweiler (DE).

(74) REIMOLD, Otto et al. / etc.; Magenbauer & Kollegen, Plochingen Strasse 109, 73730 Esslingen (DE).

(81) MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F15B 15/10

(11) WO 03/087588 (13) A1

(21) PCT/EP03/03511

(22) 4 Apr/avr 2003 (04.04.2003)

(25) de (26) de

(30) 202 05 655.4 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLUID-ACTUATED CONTRACTION DRIVE

• SYSTEME DE COMMANDE DE CONTRACTION A ACTIONNEMENT FLUIDIQUE

(71) FESTO AG & CO [DE/DE]; Ruiter Strasse 82, 73734 Esslingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LORENZ, Bernd [DE/DE]; Waldstrasse 15, 73666 Baltmannsweiler (DE). SCHWARZ, Stefan [DE/DE]; Stuttgarter Strasse 14, 72655 Altdorf (DE).

(74) REIMOLD, Otto et al. / etc.; Magenbauer & Kollegen, Ploching Strasse 109, 73730 Esslingen (DE).

(81) MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F15B 21/06, 7/00

(11) WO 03/087589 (13) A1

(21) PCT/EP03/03700

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 17 823.2 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PASSIVE CONTROL ELEMENT
• ACTIONNEUR PASSIF

(71) CORETA GMBH [DE/DE]; Fetscherstr. 72, 01307 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REIN, Claus [DE/DE]; Holbeinstr. 90, 01309 Dresden (DE).

(74) HENGELHAUPT, Jürgen, D. et al. / etc.; GULDE HENGELHAUPT ZIEBIG & SCHNEIDER, Schützenstrasse 15 - 17, 10117 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16B

(11) WO 03/087590 (13) A2

(21) PCT/US03/11078

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,532 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF SELF-ASSEMBLY AND SELF-ASSEMBLED STRUCTURES
• PROCÉDES D'AUTOASSEMBLAGE ET STRUCTURES AUTOASSEMBLÉES

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACOBS, Heiko, O. [DE/US]; 4809 Washburn Avenue S, Minneapolis, MN 55410-1850 (US). TAO, Andrea, R.

[US/US]; P.O.Box 8493, Rancho Santa Fe, CA 92067-8493 (US). SCHWARTZ, Alexander [AT/AT]; Landstrasse 28B, A-4020 Linz (AT). GRACIAS, David, H. [US/US]; 18770 N.W. Rock Creek Circle #102, Portland, OR 97229 (US). WHITE-SIDES, George, M. [US/US]; 124 Grasmere Street, Newton, MA 02158 (US).

(74) OYER, Timothy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 7/20

(11) WO 03/087591 (13) A1

(21) PCT/JP03/05010

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116188 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • JOINT DEVICE FOR STRUCTURAL BODY
• DISPOSITIF D'ASSEMBLAGE POUR CORPS STRUCTUREL

(71) SAKURA RUBBER CO., LTD. [JP/JP]; 1-21-17, Sasazuka, Shibuya-ku, Tokyo 151-8587 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Tetsuya [JP/JP]; 2-4-22, Yamanote, Otawara-shi, Tochigi 324-0051 (JP). HORIMOTO, Akira [JP/JP]; 562-32, Iguchi, Nishinasunomachi, Nasu-gun, Tochigi 329-2763 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 13/14, 19/10

(11) WO 03/087592 (13) A1

(21) PCT/JP02/03705

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIXTURE AND METHOD OF MOUNTING THE FIXTURE

• FERRURE ET PROCEDE DE MONTAGE DE FERRURE

(71) MEDIA CONNECT CO.,LTD [JP/JP]; 1-7, Akasaka 9-chome, Minato-ku, Tokyo 107-0052 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWANO, Akihiro [JP/JP]; MEDIA CONNECT CO., LTD, 1-7, Akasaka 9-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) KURU, Toru; A-201-5, 1-14, Kugai 3-chome, Nagaokakyo-shi, Kyoto 617-0837 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 19/05

(11) WO 03/087593 (13) A1

(21) PCT/US03/04958

(22) 19 Feb/fév 2003 (19.02.2003)

(25) en (26) en

(30) 10/117,741 5 Apr/avr 2002 US (05.04.2002)

(30) 10/186,940 28 Jun/juin 2002 US (28.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SWAGE TYPE FASTENER WITH OPTIMIZED LOCK GROOVES AND CRESTS AND METHOD OF DESIGNING SAME

• ELEMENT DE FIXATION MATRICE A RAINURES DE VERROUILLAGE ET CRETES OPTIMISEES ET PROCEDE DE CONCEPTION CORRESPONDANT

(63) US 10/186,940 (CON) 28 Jun/juin 2002 (28.06.2002)

(71) HUCK INTERNATIONAL, INC. [US/US]; 3724 East Colombia Street, Tucson, AZ 85714 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARBIN, Thomas, E. [US/US]; 3724 East Columbia Street, Tucson, AZ 85714 (US). WANG, Hai-Tao [US/US]; 3724 East Columbia Street, Tucson, AZ 85714 (US). MARCH, Michael, U. [US/US]; 3724 East Columbia Street, Tucson, AZ 85714 (US).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 100223 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 39/10, 41/00

(11) WO 03/087594 (13) A1

(21) PCT/US03/10036

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/118,563 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOCKING FASTENER FOR THREADED JOINT WITH SIGHT GAUGE

• FIXATION DE VERROUILLAGE POUR LIAISON FILETEE AVEC REGARD

(71) OKABE COMPANY, INC. [US/US]; 645 Forest Edge Drive, Vernon Hills, IL 60061-3106 (US).

(72) PETERKORT, Steven, D.; 49 Old Lake Road, Hawthorn Woods, IL 60047 (US).

(74) EVELEIGH, Douglas, M. et al. / etc.; Mayer Brown, Rowe & Maw, P.O. Box 2828, Chicago, IL 60690-2828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 39/20, B23P 19/08, B25B 27/30

(11) WO 03/087595 (13) A1

(21) PCT/JP02/03857

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FITTING PIECE OF SPRING FITTING BODY

• PIECE D'AJUSTEMENT DE CORPS DE REGLAGE DE RESSORT

(71) THUOU HATUJYOU KOUGYOU CO., LTD. [JP/JP]; 503, Jyunicho, Hita-shi, Oita 877-0000 (JP). SIT CO., LTD. [JP/JP]; 4-2-5, Shimoyoshida, Kokuraminami-ku, Kitakyusyu-shi, Fukuoka 800-0203 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOEDA, Masamichi [JP/JP]; c/o Kyushu Hardlock Kougyou Co., Ltd., 2-5-21, Haruno-machi, Yahatahigashi-ku, Kitakyushu-shi, Fukuoka 805-0050 (JP).

ITOU, Yuichi [JP/JP]; c/o Thuou Hatujyou Kougyou Co., Ltd., 503, Oaza Jyunicho, Hita-shi, Oita 877-0000 (JP). GOTOU, Kouki [JP/JP]; c/o Thuou Hatujyou Kougyou Co., Ltd., 503, Oaza Jyunicho, Hita-shi, Oita 877-0000 (JP).

(74) ARIYOSHI, Noriharu; 3-1-4, Hakataeki-higashi, Hakata-ku, Fukuoka-shi, Fukuoka 812-0013 (JP).

(81) AU BR CA CN DE ES GB ID IN JP KR SG US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16C

(11) WO 03/087596 (13) A2

(21) PCT/US03/07489

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/370,718 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIAL CAPILLARY SEAL FOR FLUID DYNAMIC BEARING MOTORS

• JOINT RADIAL CAPILLAIRE POUR MOTEURS A PALIER DYNAMIQUE FLUIDE

(71) SEAGATE TECHNOLOGY, L.L.C. [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).

(72) GRANTZ, Alan, L.; 7330 Viewpoint Road, Aptos, CA 95003 (US). KHAN, Raquib, U.; 3703 Reflections Drive, Pleasanton, CA 94566 (US). PARSONEAULT, Norbert, Steven; 130 Zinfandel, Scotts Valley, CA 95066 (US).

(74) PATTERSON, Todd, B.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).

(81) CN DE GB JP KR SG.

(51)⁷ F16C 17/02, 33/10, H02K 7/08

(11) WO 03/087597 (13) A1

(21) PCT/JP03/04834

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113385 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BEARING DEVICE AND MOTOR USING THE BEARING DEVICE

• DISPOSITIF DE PALIER ET MOTEUR UTILISANT LEDIT DISPOSITIF DE PALIER

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAZAWA, Toyoji [JP/JP]; 1-1117 755-1 Kitairiso, Sayama-shi, Saitama

350-1315 (JP). TOYOIZUMI, Chuji [JP/JP]; 225-2 Kasashi, Sayama-shi, Saitama 350-1314 (JP).

(74) TAKEMOTO, Shoji et al. / etc.; 6F., TORANOMON 19 MT Bldg., 2-20, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US.

(51)⁷ F16C 23/04, 29/02

(11) WO 03/087598 (13) A1

(21) PCT/DE03/01142

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 202 05 829.8 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOOSE BEARING

• PALIER LIBRE

(71) IGUS SPRITZGUSSTEILE FÜR DIE INDUSTRIE GMBH [DE/DE]; Spicher Str. 1a, 51147 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSHAMMER, Horst [DE/DE]; Am Sändchen 8, 53545 Linz am Rhein (DE).

(74) STACHOW, Ernst-Walther; Lippert, Stachow, Schmidt & Partner, Frankenforster Str. 135-137, 51427 Bergisch Gladbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 27/04, F01D 25/16, F16C 25/06

(11) WO 03/087599 (13) A1

(21) PCT/US03/10687

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,345 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BEARING ASSEMBLY WITH AN OIL DAMPER

• ENSEMBLE PALIER EQUIPE D'UN AMORTISSEUR A L'HUILE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) TORNQUIST, Gerald, E.; 8030 N. Totavi Trail, Tucson, AZ 85704 (US). MCDOWALL, Gregor; 1731 W. Sunridge Drive, Tucson, AZ 85737 (US).

(74) ROGER, Criss, H. et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16C 33/46

(11) WO 03/087600 (13) A1

(21) PCT/US03/11869

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,068 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LUBRICATION METERING BEARING RETAINER

• DISPOSITIF DE RETENUE DE PALIER A ROULEMENT A LUBRIFICATION DOSEE

(71) THE TORRINGTON COMPANY [US/US]; 59 Field Street, Torrington, CT 06790 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TORLAI, David, R. [US/US]; 120 Wedgewood Drive, Torrington, CT 06790 (US). PRUSAK, Jonathan, W. [US/US]; 31 Upson Ave., 2nd Floor, Winstead, CT 06098 (US).

(74) MASSINA, Glenn, M.; Michael Best & Friedrich LLP, Suite 360, 3773 Corporate Parkway, Center Valley, PA 18034 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16C 35/02, 35/10, 17/02

(11) WO 03/087601 (13) A1

(21) PCT/JP03/04833

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113384 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-113371 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-113372 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BEARING DEVICE AND MOTOR USING THE BEARING DEVICE

• PALIER ET MOTEUR UTILISANT CE PALIER

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAZAWA, Toyoji [JP/JP]; 1-1117 755-1 Kitairiso, Sayama-shi, Saitama 350-1315 (JP). TOYOIZUMI, Chuji [JP/JP]; 225-2 Kasashi, Sayama-shi, Saitama 350-1314 (JP).

(74) TAKEMOTO, Shoji et al. / etc.; 6F., TORANOMON 19 MT Bldg., 2-20, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US.

(51)⁷ F16C 39/06, H02K 7/09

(11) WO 03/087602 (13) A1

(21) PCT/EP03/03237

(22) 28 Mar/mar 2003 (28.03.2003)

(25) de (26) de

(30) 102 16 421.5 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETIC GUIDING DEVICE

• DISPOSITIF DE GUIDAGE MAGNETIQUE

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREMERREY, Johan, K. [DE/DE]; Oderstrasse 67, 53127 Bonn (DE). LANG, Matthias [DE/DE]; Dornspachstrasse 11, 02763 Zittau (DE).

(74) PAUL, Dieter-Alfred et al. / etc.; Hellersbergstrasse 18, 41460 Neuss (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D

(11) WO 03/087603 (13) A2

(21) PCT/US03/09812

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10/118,041 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ONE-WAY DRIVE DEVICE WITH REDUCED ENGAGEMENT IMPACT

• DISPOSITIF DE TRANSMISSION UNIDIRECTIONNEL A IMPACT D'INTRODUCTION REDUIT

(71) EXP, L.P. [US/US]; 160C Albright Way, Los Gatos, CA 95032 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FITZ, Frank, A. [US/US]; 14058 Tierra Bonita Road, Poway, CA 92064 (US). HIGASHI, Wayne, K. [US/US]; 107 Las Uvas Court, Los Gatos, CA 95032 (US). PIRES, Paul, B. [US/US]; 1350 Dundee Avenue, Ben Lomond, CA 95050 (US). SHEAR, Stephen, C. [US/US]; 2475 Blue Heron Circle, Lafayette, CO 80026 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 1/12, B64C 21/10, B63B 1/34

(11) WO 03/087604 (13) A1

(21) PCT/EP03/03368

(22) 1 Apr/avr 2003 (01.04.2003)

(25) de (26) de

(30) 102 17 111.4 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLID BODY HAVING A MICROSTRUCTURED SURFACE

• CORPS SOLIDE A SURFACE MICROSTRUCTUREE

(71) RÖHM GMBH & CO. KG [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROHMER, Christoph [DE/DE]; H.-Böckler Ring 28, 64589 Stockstadt (DE). LORENZ, Hans [DE/DE]; Brentanostrasse 4, 64291 Darmstadt (DE). BRAND, Norbert [DE/DE]; Stadtweg 36, 64291 Darmstadt (DE).

(74) RÖHM GMBH & CO. KG; Intellectual Property Management, Patente, Kirschenallee, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16D 13/58, 13/71, 13/70

(11) WO 03/087605 (13) A1

(21) PCT/EP03/04027

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) 102 17 438.5 18 Apr/avr 2002 DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESSURE PLATE ASSEMBLY

• MODULE DE PLAQUE DE COMPRES-
SION

(71) ZF SACHS AG [DE/DE]; Ernst-Sachs-Str.
62, 97424 Schweinfurt (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VOGT, Sebastian [DE/DE]; Bergstrasse
17, 97616 Bad Neustadt (DE).

(74) ZF SACHS AG; Ernst-Sachs-Str. 62, 97424
Schweinfurt (DE).

(81) DE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16D 13/58

(11) WO 03/087606 (13) A1

(21) PCT/GB03/01225

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 02 08137.0 9 Apr/avr 2002 GB
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLUTCHES

• EMBRAYAGES

(71) AUTOMOTIVE PRODUCTS GROUP
LIMITED [GB/GB]; PO Box 2085, Tach-
brook Road, Leamington Spa, Warwickshire
CV31 3ZL (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOUNG, Alastair, John [GB/GB]; 39
Roundhill, Kenilworth, Warwickshire CV8
1DW (GB).

(74) MORRALL, Roger; Automotive Products
Group Limited, P.O. Box 2085, Tachbrook
Road, Leamington Spa, Warwickshire CV31
3ZL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SK
SL TJ TM TR TT TZ UA UG US UZ VN YU
ZA ZW.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F16D 13/64, 13/75, 27/00, 13/58

(11) WO 03/087607 (13) A1

(21) PCT/DE03/01176

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 46 047.7 2 Oct/oct 2002 DE
(02.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLUTCH ASSEMBLY

• GROUPE D'EMBRAYAGE

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AHNERT, Gerd [DE/DE]; Holunder-
weg 1, 77880 Sasbach (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F16D 13/75, 13/71, 13/58

(11) WO 03/087608 (13) A2

(21) PCT/DE03/01199

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 42 595.7 13 Sep/sep 2002 DE
(13.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLUTCH UNIT

• GROUPE D'EMBRAYAGE

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LANG, Volker [DE/DE]; Steinmauer-
weg 20, 77886 Lauf (DE). MAIER, Stefan
[DE/DE]; Scherzenteich 12, 77889 See-
bach (DE). RABER, Christoph [DE/DE];
Ottweiler Strasse 53, 66564 Ottweiler-Stein-
bach (DE). LIEBERMANN, Tom [DE/DE];
Johann-Fraass-Strasse 2, 77815 Bühl
(DE). RUDKOSKI, Guido [DE/DE];
Hans-Thomas-Weg 24, 77815 Bühl (DE).
MAN, László [DE/DE]; Rosenstrasse 6,
77833 Ottersweier-Unzhurst (DE). MEIN-
HARD, Rolf [DE/DE]; Kellerstück 5, 77815
Bühl (DE). KERN, Ottmar [DE/DE];
Hans-Sachs-Strasse 9, 76133 Karlsruhe
(DE). BENETON, Sebastien [FR/FR];
47, rue de la Loire, F-67800 Hoenheim
(FR). KIMMIG, Karl-Ludwig [DE/DE];
Schlossberg 15, 77883 Ottenhöfen (DE).
REIK, Wolfgang [DE/DE]; Sonnhalde 8,
77815 Bühl (DE). WUHRER, Alexander
[DE/DE]; Rheinstrasse 19, 77815 Bühl (DE).
REIMNITZ, Dirk [DE/DE]; Sportweg 9,
77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16D 27/00, 23/12

(11) WO 03/087609 (13) A1

(21) PCT/EP03/01937

(22) 26 Feb/fév 2003 (26.02.2003)

(25) de (26) de

(30) 102 16 136.4 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTROMOTIVE ACTUATING DE-
VICE

• DISPOSITIF D'ACTIONNEMENT
ELECTROMOTEUR

(71) INA-SCHAEFFLER KG [DE/DE]; Indus-
triestrasse 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WINKELMANN, Ludwig [DE/DE];
Hutstrasse 1a, 91056 Erlangen (DE).
KLÖPPER, Bernhard [DE/DE]; Met-
zgergasse 62a, 91438 Bad Windsheim (DE).
DITTMER, Steffen [DE/DE]; Rückert-
strasse 10, 91074 Herzogenaurach (DE).
OSTERLÄNGER, Jürgen [DE/DE];
Tannscharn 21, 91448 Emskirchen (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse
1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 41/06

(11) WO 03/087610 (13) A1

(21) PCT/EP03/02893

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 16 957.8 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOCATION OF A CAGE ON A FREE-WHEEL

• PROTECTION ANTITORSION DESTINÉE À LA CAGE D'UNE ROULE LIBRE

(71) INA-SCHAEFFLER KG [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WEHR, Daniel [DE/DE]; Bamberger Strasse 4, 96172 Mühlhausen (DE). PFANN, Heinz [DE/DE]; Eltersdorfer Strasse 45, 91058 Erlangen (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 41/20

(11) WO 03/087611 (13) A1

(21) PCT/IB03/01438

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 102 16 155.0 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WRAP SPRING CLUTCH

• EMBRAYAGE A RESSORT DE COMPRESSION ENROULE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE). *(only for / seulement pour DE)*

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). *(for all designated States except / pour tous les États désignés sauf DE US)*

(72, 75) KUNZE, Norbert [DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 47/00

(11) WO 03/087612 (13) A2

(21) PCT/DE03/01191

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 46 047.7 2 Oct/oct 2002 DE (02.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, DEVICE AND THE USE OF THE SAME FOR OPERATING A MOTOR VEHICLE

• PROCEDE, DISPOSITIF ET LEUR UTILISATION POUR FAIRE FONCTIONNER UN VEHICULE AUTOMOBILE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHNERT, Gerd [DE/DE]; Holunderweg 1, 77880 Sasbach (DE). POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (DE). BUCHMÜLLER, Klaus-Dieter [DE/DE]; Kesselstrasse 15, 76316 Malsch (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

(51)⁷ F16D 48/06

(11) WO 03/087613 (13) A2

(21) PCT/DE03/01181

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 19 737.7 2 May/mai 2002 DE (02.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR POSITION ADJUSTMENT IN THE TRANSMISSION OF MOTION FROM AN ACTUATOR TO A SPRING-LOADED CLUTCH OF A VEHICLE GEARBOX

• PROCEDE DE COMPENSATION DE POSITION DANS UN TRANSFERT DE MOUVEMENT D'UN ACTIONNEUR VERS UN EMBRAYAGE A RESSORT D'UNE TRANSMISSION AUTOMOBILE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GERHART, Jürgen [DE/DE]; Bachstrasse 50, 77767 Appenweier (DE). JUNG, Mario [DE/DE]; Eichenweg 8, 76547 Sinzheim (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 48/06

(11) WO 03/087614 (13) A1

(21) PCT/DE03/01187

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 19 737.7 2 May/mai 2002 DE (02.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE AND METHOD FOR MONITORING A CLUTCH

- PROCEDE ET DISPOSITIF DE
CONTROLE D'UN EMBRAYAGE

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REIBOLD, Ekkehard [DE/DE];
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MOOSHEIMER, Johannes [DE/DE];
Hurststrasse 21, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ F16D 48/06

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(21) PCT/DE03/01197

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 19 737.7 2 May/mai 2002 DE
(02.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEARBOX CONTROL SYSTEM AND
METHOD FOR ADAPTING THE FRIC-
TION COEFFICIENT

- COMMANDE DE BOITE DE VITESSES
ET PROCEDE PERMETTANT L'ADAP-
TATION DU COEFFICIENT DE FROT-
TEMENT

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
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(for all designated States except / pour tous
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(72, 75) HENNEBERGER, Klaus [DE/DE];
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HART, Jürgen [DE/DE]; Bachstrasse 50,
77767 Appenweiler (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /

modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ F16D 48/06

(11) WO 03/087616 (13) A1

(21) PCT/DE03/01198

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 26 505.4 14 Jun/juin 2002 DE
(14.06.2002)

(30) 102 33 146.4 22 Jul/juil 2002 DE
(22.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR DIAGNOSING A LEAK-
AGE OF A HYDRAULIC RELEASE
SYSTEM OF A TWIN CLUTCH OF A
PARALLEL SHIFT GEARBOX

- PROCEDE DE DETECTION D'UNE
FUIE DANS UN SYSTEME DE DE-
BRAYAGE HYDRAULIQUE D'UN EM-
BRAYAGE DOUBLE D'UNE TRANS-
MISSION A CHANGEMENT PARAL-
LELE

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERGER, Reinhard [DE/DE]; Sassen-
weg 6, 77815 Bühl (DE). AHNERT, Gerd
[DE/DE]; Holunderweg 1, 77880 Sas-
bach (DE). BÜNDER, Carsten [DE/DE];
Schwarzwaldstrasse 75, 77830 Bühlertal
(DE). JÄGGLE, Gerd [DE/DE]; Obersas-
bacher Strasse 23, 77880 Sasbach (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F16D 65/18

(11) WO 03/087617 (13) A2

(21) PCT/FR03/01186

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04895 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISC BRAKE COMPRISING AT LEAST
ONE INCLINABLE BRAKE PAD

- FREIN A DISQUE MUNI D'AU MOINS
UNE PLAQUETTE DE FREIN INCLI-
NABLE

(71) ROBERT BOSCH GMBH [DE/DE]; Wern-
erstrasse 1, 70442 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOISSEAU, Jean-Pierre [FR/FR]; 7,
rue Victor Considérant, F-75014 Paris (FR).

(74) SCRIVANO, Nicolas; 126, rue de Stalin-
grad, F-93700 Drancy (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16F

(11) WO 03/087618 (13) A2

(21) PCT/US03/09868

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,905 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPACT SHOCK ABSORPTION, VI-
BRATION, ISOLATION, AND SUSPEN-
SION DEVICE

- DISPOSITIF COMPACT D'AMORTIS-
SEMENT, ANTIVIBRATIONS, D'ISO-
LATION ET DE SUSPENSION

(71, 72) LEE, Elmer [US/US]; 1872 Lindsay
Lane, Ann Arbor, MI 48104 (US).

(74) LEONARDO, Mark, S. et al. / etc.; Brown
Rudnick Berlack Israels LLP, One Financial
Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16F 9/05

(11) WO 03/087619 (13) A1

(21) PCT/US02/17351

(22) 31 May/mai 2002 (31.05.2002)

(25) en (26) en

(30) 10/118,645 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AIR SPRING CLAMPING ASSEMBLY
• ENSEMBLE DE SERRAGE AVEC RES-
SORT PNEUMATIQUE(71) BFS DIVERSIFIED PRODUCTS, LLC
[US/US]; 525 Congressional Blvd., Carmel,
IN 46032 (US).(72) HILBURGER, Mark, D.; 13475 Clifty Falls
Drive, Carmel, IN 46032 (US). LEONARD,
Daniel, J.; 11808 Hoster Road, Carmel, IN
46033 (US).(74) SAND, Michael; Sand & Sebolt, Aegis
Tower, Suite 1100, 4940 Munson St. N.W.,
Canton, OH 44718 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ F16G

(11) WO 03/087620 (13) A2

(21) PCT/US03/10824

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/118,264 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLATTENED HELICAL TIRE CORD
• CÂBLE POUR ARMATURE DE PNEU-
MATIQUE EN HÉLICOÏDE APLATI(63) US 10/118,264 (CIP)
8 Apr/avr 2002 (08.04.2002)(71) TOKUSEN U.S.A., INC. [US/US]; 1500
Amity Road, Conway, AR 72032 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KOBAYASHI, Takanori [JP/JP]; 748-1
Sumiyoshi-Cho, Ono City, Hyogo Prefecture,
Japan 675-1361 (JP). SMITH, William, E.
[US/US]; One Cottontail Drive, Conway,
AR 72032 (US). SMITH, Charles, E., Jr.
[US/US]; 3275 Chrysler Cove, Conway, AR
72034 (US). MORIOKA, Noritaka [JP/US];
2905 Billy Jack Drive, Apartment 1, Conway,
AR 72034 (US).(74) COX, Ray, F. et al. / etc.; Wright, Lindsey &
Jennings LLP, 200 West Capitol, Suite 2300,
Little Rock, AR 72201-3699 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DKDM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ F16G 5/18

(11) WO 03/087621 (13) A1

(21) PCT/DE03/01189

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)(30) 102 54 351.8 21 Nov/nov 2002 DE
(21.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR OPTIMISING PLATES
OF A PLATE LINK CHAIN, AND PLATE
FOR A PLATE LINK CHAIN• PROCEDE D'OPTIMISATION DES
MAILLONS D'UNE CHAÎNE A
MAILLONS, ET MAILLON POUR
CHAÎNE A MAILLONS(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OBERLE, Wolfgang [DE/DE]; Schut-
tertaltstrasse 10, 77960 Seelbach (DE). TEU-
BERT, André [DE/DE]; Karl-Fanz-Strasse
24 A, 77815 Bühl (DE).(74) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG; Industries-
trasse 3, 77815 Bühl (DE).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F16G 13/12, E21C 29/04

(11) WO 03/087622 (13) A1

(21) PCT/EP03/03730

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 16 461.4 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLANE CHAIN STRAND COMPRIS-
ING A CHAIN LOCK LINK• BRIN DE CHAÎNE DE RABOTAGE
COMPORTANT UN MAILLON DE
FERMETURE DE CHAÎNE(71) DBT GMBH [DE/DE]; Industriestrasse 1,
44534 Lünen (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MERTEN, Gerhard [DE/DE]; Am
Knick 8b, 44534 Lünen (DE). KLABISCH,
Adam [DE/DE]; Mehler Weg 6, 44319 Dort-
mund (DE). BERGHOFF, Jürgen [DE/DE];
Keltenstr. 17, 59429 Holzwickede (DE). BE-
NECKE, Rainer [DE/DE]; Leineweberstr.
6, 44229 Dortmund (DE).(74) ALTHAUS, Arndt et al. / etc.; Paten-
tanwälte Buschhoff, Hennicke, Althaus,
Postfach 19 04 08, 50501 Köln (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F16H

(11) WO 03/087623 (13) A2

(21) PCT/US03/10857

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,985 10 Apr/avr 2002 US
(10.04.2002)(30) 10/236,928 9 Sep/sep 2002 US
(09.09.2002)(30) 60/437,739 3 Jan/jan 2003 US
(03.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VEHICLE DRIVE SYSTEM WITH EN-
ERGY RECOVERY SYSTEM AND VE-
HICLE MOUNTING SAME• SYSTEME D'ENTRAÎNEMENT DE
VEHICULE A DISPOSITIF DE RECUP-
ERATION D'ÉNERGIE ET VEHICULE
EN COMPORTANT(71) CHARGE-O-MATIC ENERGY RECOV-
ERY DEVICES, LLC [US/US]; Charge-O-
Matic Energy Recovery Devices, LLC, c/o
Mike Fowler, 311 South Second Street, Suite
200, Fort Pierce, FL 34950 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LONG, Thomas** [US/US]; 925 Skylark Dr., Fort Pierce, FL 34982 (US).

(74) **WEIERSTALL, Eric**; Tangent Law Group, Attn/ Eric J. Weierstall, 1201 Pennsylvania Ave., NW, Suite 300, Washington, DC 20002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ **F16H 3/66**

(11) **WO 03/087624** (13) A1

(21) PCT/JP03/04112

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(30) 2002-98020 **29 Mar/mar 2002 JP (29.03.2002)**

(30) 2002-204894 **12 Jul/juil 2002 JP (12.07.2002)**

(30) 2002-382147 **27 Dec/déc 2002 JP (27.12.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC TRANSMISSION
• TRANSMISSION AUTOMATIQUE

(71) **AISIN AW CO., LTD.** [JP/JP]; 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGIURA, Nobutada** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). **KAYAMA, Kazumichi** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). **ARAI, Takeo** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). **OZAKI, Kazuhisa** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). **TSUKAMOTO, Kazumasa** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). **IN-AGAKI, Tomochika** [JP/JP]; c/o Aisin AW Co., Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP).

(74) **CHIKASHIMA, Kazuo** et al. / etc.; Aida & Chikashima, 2F, Omodaka Building, 9-7, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ **F16H 7/12**

(11) **WO 03/087625** (13) A1

(21) PCT/EP03/02215

(22) **5 Mar/mar 2003 (05.03.2003)**

(25) de (26) de

(30) 102 17 396.6 **18 Apr/avr 2002 DE (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLAMPING DEVICE
• DISPOSITIF TENDEUR

(71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Werner** [DE/DE]; Anna-Herrmann-Strasse 48, 91074 Herzogenaurach (DE).

(74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16H 7/12**

(11) **WO 03/087626** (13) A1

(21) PCT/US03/10697

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/372,457 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BELT TENSIONING ASSEMBLY
• ENSEMBLE TENDEUR

(71) **APPLETON CONTROL SYSTEMS, INC.** [US/US]; 353 Sixth Street, Menasha, WI 54952 (US).

(72) **SOUSEK, Eugene**; 14 Fiesta Court, Appleton, WI 54911 (US). **CATLIN, Charles**; 408 Beaulieu Road, Neenah, WI 54956 (US). **BECK, Greg**; 3700 Chestnut Lane, Appleton, WI 54915 (US).

(74) **CORR, Mathew, E.**; Boyle Fredrickson Newholm Stein & Gratz, S.C., 250 Plaza, Suite 1030, 250 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16H 61/00**

(11) **WO 03/087627** (13) A1

(21) PCT/DE03/01194

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) de (26) de

(30) 102 15 715.4 **10 Apr/avr 2002 DE (10.04.2002)**

(30) 102 51 073.3 **2 Nov/nov 2002 DE (02.11.2002)**

(30) 102 57 575.4 **10 Dec/déc 2002 DE (10.12.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYDRAULIC SYSTEM AND AUTOMATIC GEARBOX
• SYSTEME HYDRAULIQUE, BOITE DE VITESSES AUTOMATIQUE

(71) **LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG** [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Eric** [DE/DE]; Gärtnerreistrasse 39, 67657 Kaiserslautern (DE). **STEHRE, Reinhard** [DE/DE]; Hauptstrasse 96, 77815 Bühl (DE). **HOMM, Manfred** [DE/DE]; Prälat-Brommer-Strasse 15, 77815 Bühl-Neusatz (DE). **REUSCHEL, Michael** [DE/DE]; Läufebergweg 3, 77833 Ottersweier (DE). **INDLEKOFER, Norbert** [DE/DE]; Honastrasse 40, 77815 Bühl (DE). **ENGLISCH, Andreas** [DE/DE]; Steinmauerweg 10, 77886 Lauf (DE). **VORNEHM, Martin** [DE/DE]; Im Grün 47, 77815 Bühl (DE). **LAUINGER, Christian** [DE/DE]; Ooser Sternstrasse 1, 76532 Baden-Baden (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F16H 61/00**

(11) **WO 03/087628** (13) A1

(21) PCT/DE03/01200

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 19 255.3 30 Apr/avr 2002 DE
(30.04.2002)

(30) 102 52 409.2 12 Nov/nov 2002 DE
(12.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION CONTROL SYSTEM AND METHOD FOR COMPENSATING ROADWAY CHANGES IN A TRANSMISSION CONTROL SYSTEM OF AN AUTOMATIC VEHICLE TRANSMISSION

• COMMANDE DE BOITE DE VITESSES ET PROCEDE POUR COMPENSER DES MODIFICATIONS DE VOIE D'UNE COMMANDE DE BOITE AUTOMATIQUE DE VEHICULE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHUHEN, Michael [DE/DE]; Lindenstrasse 13, 77815 Bühl-Oberweier (DE). HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE). HAUPTMANN, Marc [DE/DE]; Johann-Fraass-Strasse 16b, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16H 61/12 // 61:02, 103:02

(11) WO 03/087629 (13) A1

(21) PCT/DE03/01193

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 19 255.3 30 Apr/avr 2002 DE
(30.04.2002)

(30) 102 52 409.2 12 Nov/nov 2002 DE
(12.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION CONTROLLER AND METHOD FOR DETERMINING A TARGETED GEAR IN AN AUTOMATIC TRANSMISSION

• COMMANDE DE CHANGEMENT DE VITESSE ET PROCEDE POUR DETERMINER UN RAPPORT CIBLE DANS

UNE BOITE DE VITESSES AUTOMATIQUE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGGERT, Thomas [DE/DE]; Karl-Wilhelm-Strasse 1a, 76131 Karlsruhe (DE). GALLION, Michael [DE/GB]; 20 Greville Road, Warwick CV34 5PB (GB). MOOSHEIMER, Johannes [DE/DE]; Hurststrasse 21, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16H 61/28 // 61:32

(11) WO 03/087630 (13) A1

(21) PCT/DE03/01183

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 41 068.2 5 Sep/sep 2002 DE
(05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEARBOX ACTUATION SYSTEM AND METHOD FOR ADJUSTING A GEARBOX ACTUATION SYSTEM

• SYSTEME D'ACTIONNEMENT DE TRANSMISSION ET PROCEDE DE REGLAGE D'UN SYSTEME D'ACTIONNEMENT DE TRANSMISSION

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÜPPER, Klaus [DE/DE]; Karl-Franz-Strasse 24 A, 77815 Bühl (DE). HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE). METZGER, Jörg [DE/DE]; Wintereckweg 1, 77830 Böhrlertal (DE). BERGER, Reinhard [DE/DE]; Sassenweg 6, 77815 Bühl (DE). STENGEL, Frank [DE/DE]; Waldmattstrasse 14, 77815 Bühl-Neusatz (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16H 61/32, 63/36

(11) WO 03/087631 (13) A1

(21) PCT/DE03/01182

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE
(10.04.2002)

(30) 102 41 068.2 5 Sep/sep 2002 DE
(05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEARSHIFT MECHANISM FOR CARRYING OUT GEARSHIFTS

• MECANISME DE PASSAGE DE VITESSES DESTINE A LA MISE EN OEUVRE DE PASSAGES DE VITESSES

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LETHBRIDGE, James, Antony [GB/GB]; 5 Fields Views, Warwickshire CV31 2HZ (GB). BATES, Ian, Richard, Joseph [GB/GB]; 5 Hadrians Close, Salendine Nook, Huddersfield, West Yorkshire HD3 3XZ (GB). MORGAN, Terry [GB/GB]; 9 The Grange, Cublington, Leamington Spa, Warwickshire CV32 7LE (GB). POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; Industriesstrasse 3, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16H 61/32, 63/30

(11) WO 03/087632 (13) A2

(21) PCT/DE03/01184

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 32 563.4 17 Jul/juil 2002 DE (17.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTUATING UNIT FOR A MANUAL TRANSMISSION AND SELECTOR SHAFT

• UNITE D'ACTIONNEMENT DESTINEE A UNE BOITE DE VITESSES ET ARBRE DE COMMANDE

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESLY, Norbert [DE/DE]; Tucherstrasse 26, 77815 Bühl (DE). EHRlich, Matthias [DE/DE]; Traubenweg 5, 77815 Bühl (DE). BELLGARDT, Timo [DE/DE]; Im Langenbosch 10, 77830 Bühlertal (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/32 // 63:30

(11) WO 03/087633 (13) A1

(21) PCT/DE03/01185

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 41 068.2 5 Sep/sep 2002 DE (05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARRANGEMENT FOR THE TRANSMISSION OF THE SHIFT AND SELECTION MOVEMENTS TO A SELECTION FINGER

• DISPOSITIF DE TRANSFERT DES MOUVEMENTS DE COMMUTATION

ET DE SELECTION VERS UN DOIGT DE SELECTION

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNDORF, Jens [DE/DE]; Bahnhofstrasse 120, 75417 Mühlacker (DE). ESLY, Norbert [DE/DE]; Tucherstrasse 26, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16H 61/32, H02K 11/00, H02P 5/00

(11) WO 03/087634 (13) A1

(21) PCT/DE03/01190

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 19 255.3 30 Apr/avr 2002 DE (30.04.2002)

(30) 102 52 409.2 12 Nov/nov 2002 DE (12.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTOR, ESPECIALLY A GEAR MOTOR OR A SELECTOR MOTOR OF A TRANSMISSION ACTUATING SYSTEM, AND METHOD FOR DETECTING THE MOVING DIRECTION OF A MOTOR

• MOTEUR, NOTAMMENT MOTEUR DE COMMUTATION OU DE SELECTION FAISANT PARTIE D'UN SYSTEME D'ACTIONNEMENT DE TRANSMISSION, ET PROCÉDE POUR DETECTER LA DIRECTION DU MOUVEMENT D'UN MOTEUR

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENK, Hans-Jürgen [DE/DE]; Vogesenstrasse 6, 77839 Lichtenau (DE). HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE). ZIMMERMANN, Martin [DE/DE]; Vogelsbergstrasse 1, 77880 Sasbach (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16H 61/32 // 63:20

(11) WO 03/087635 (13) A1

(21) PCT/DE03/01195

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 41 068.2 5 Sep/sep 2002 DE (05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GEARBOX ACTUATOR COMPRISING A BEARING FOR THE GEARSHIFT RAILS

• DISPOSITIF D'ACTIONNEMENT DE TRANSMISSION COMPRENANT UNE ZONE D'APPUI DESTINEE A DES RAILS DE SELECTION

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (DE). MORGAN, Terry [GB/GB]; 9 The Grange, Cubbington, Leamington Spa CV32 7LE (GB). LETHBRIDGE, James, Antony [GB/GB]; 5 Fields Views, Warwickshire CV31 2HZ (GB). BATES, Ian, Richard, Joseph [GB/GB]; 5 Hadrians Close, Salendine Nook, Huddersfield, West Yorkshire HD3 3XZ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16J 15/43, F16C 33/10

(11) WO 03/087636 (13) A1

(21) PCT/GB03/01533

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208556.1 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETIC SEAL AND BEARING ARRANGEMENT

• JOINT MAGNETIQUE ET DISPOSITIF DE PALIER

(71) ADVANCED FLUID SYSTEMS LIMITED [GB/GB]; Unit 3 io centre, Royal Arsenal Estate, Skeffington Street, Woolwich, London SE18 6SR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROOKS, Doug [GB/GB]; 13 Grange Avenue, Woodford Green, Essex IG8 9JT (GB).

(74) WARD, David, I. et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 17/04

(11) WO 03/087637 (13) A1

(21) PCT/US03/09376

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/116,859 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESSURE RELIEF VALVE WITH IMPROVED REPAIRABILITY

• SOUPAPE DE DECHARGE A FACILITE DE REPARATION AMELIOREE

(71) FISHER CONTROLS INTERNATIONAL LLC [US/US]; 8100 West Florissant Avenue, St. Louis, MO 63136 (US).

(72) SCHIMNOWSKI, Kenneth, Roger; 86 Texoma Terrace, Denison, TX 75020 (US). COLE, Jeffrey, Lynn; 712 Featherbrook, Allen, TX 75002 (US). OLIVER, Thomas, Bethell; 3922 Houston Street, Greenville, TX 75401 (US).

(74) HEPPELMANN, Robert, A.; Marshall, Gerstein & Borun, 233 S. Wacker Drive,

6300 Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 17/18

(11) WO 03/087638 (13) A1

(21) PCT/IB03/01370

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/123,494 15 Apr/avr 2002 US (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BIDIRECTIONAL CHECK VALVE

• CLAPET BIDIRECTIONNEL

(71) SPILL CHECK LTD. [CA/CA]; 25 Millennium Drive, Fredericton, New Brunswick E3C 2N9 (CA).

(72) HAMBLY, Hugh; 224 Yoho Lake Road, Yoho, New Brunswick E6K 3B8 (CA). THORNTON, Brian; 157 Pike Hill Road, Temperance Vale, New Brunswick E6G 2E6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 27/00, F15B 13/00

(11) WO 03/087639 (13) A1

(21) PCT/US03/11132

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,926 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PNEUMATIC VALVE AND MANIFOLD MOUNTING SYSTEM

• ROBINET A COMMANDE PNEUMATIQUE ET SYSTÈME DE MONTAGE DE COLLECTEUR

(71) MEAD FLUID DYNAMICS, INC. [US/US]; 4114 North Knox Avenue, Chicago, IL 60641 (US).

(72) WIGMORE, Richard; 52 Hartfield Avenue, Hollingbury, Brighton, East Sussex BN1 8AE (GB).

(74) JOCHMAN, Joseph, J. et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/00

(11) WO 03/087640 (13) A2

(21) PCT/GB03/01249

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0207999.4 5 Apr/avr 2002 GB (05.04.2002)

(30) 0225237.7 30 Oct/oct 2002 GB (30.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SAFETY APPARATUS

• APPAREIL DE SECURITE

(71, 72) LEWIS, Garry [GB/GB]; 56 Clos Allt-y-gog, Pontardulais, Swansea SA4 1JH (GB).

(74) STRACHAN, Victoria, Jane; Urquhart-Dykes & Lord, Alexandra House, 1 Alexandra Road, Swansea SA1 5ED (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/12

(11) WO 03/087641 (13) A1

(21) PCT/US03/11360

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,655 10 Apr/avr 2002 US (10.04.2002)

(30) 10/174,919 19 Jun/juin 2002 US (19.06.2002)

(30) PCT/US02/38758 4 Dec/déc 2002 US (04.12.2002)

(30) PCT/US02/41576 26 Dec/déc 2002 US (26.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOILET FLUSHERS FOR WATER TANKS WITH NOVEL VALVES AND DISPENSERS

• DISPOSITIFS DE CHASSE D'EAU POUR RESERVOIRS A SOUPAPES ET DISTRIBUTEURS NOUVEAUX

(71) **ARICHELL TECHNOLOGIES, INC.** [US/US]; 55 Border Street, West Newton, MA 02165 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **PARSONS, Nathan, E.** [US/US]; 274 Dean Road, Brookline, MA 02146 (US). **GULER, Fatih** [US/US]; 344 South Border Road, Winchester, MA 01890 (US). **HERBERT, Kay** [DE/US]; 65 Sunnyside Avenue, Winthrop, MA 02152 (US). **MO, Xiaoxiong** [CN/US]; 151 Adams Street, Lexington, MA 02420 (US). **HADLEY, David** [US/US]; 92 Highbank Road, Franklin, MA 01735 (US).(74) **ZITKOVSKY, Ivan, D.**; Frieze Cramer Cygelman Rosen & Huber LLP, 60 Walnut Street, 3rd Floor, Wellesley, MA 02481-2151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16K 37/00, G05D 7/06, G01F 1/36**(11) **WO 03/087642** (13) A1

(21) PCT/US03/10804

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/119,686 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLOW CONTROL VALVE WITH INTEGRAL SENSOR AND CONTROLLER AND RELATED METHOD

• SOUPAPE DE REGULATION DE DEBIT A DISPOSITIF DE DETECTION ET DE COMMANDE INTEGRE ET PROCEDE DE FONCTIONNEMENT ASSOCIE

(71) **HONEYWELL INTERNATIONAL, INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).(72) **BENSON, Dwayne, M.**; 1714 Torre Molinos Cr., Tempe, AZ 85281 (US).(74) **CRISS, Roger, H. et al.** / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16K 47/04**(11) **WO 03/087643** (13) A2

(21) PCT/US03/11186

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/122,276 **12 Apr/avr 2002 US (12.04.2002)**(30) 10/198,970 **19 Jul/juil 2002 US (19.07.2002)**(30) 10/282,667 **29 Oct/oct 2002 US (29.10.2002)**(30) 00/000,000 **9 Apr/avr 2003 US (09.04.2003)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROTARY DRAG VALVE

• SOUPAPE ROTATIVE DE TRAINEE

(71) **CONTROL COMPONENTS, INC.** [US/US]; 22591 Avenida Empressa, Rancho Santa Margarita, CA 92688 (US).(72) **TRAN, Duc, Thanh**; 22837 Mountain Ash Circle, Corona, CA 92883 (US). **NEWTON, Raymond, R.**; 1 La Flauta, Rancho Santa Margarita, CA 92688 (US). **SMIRL, Paul**; 33822 Diana Dr., Dana Point, CA 92629 (US). **BEY, Roger**; 19 Rue des Rossignals, F-502810 Illzach (FR). **BENAC, Tina**; 22562 Mainsail Way, Dana Point, CA 92629 (US).(74) **STETINA, BRUNDA, GARRED, & BRUCKER**; 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16K 47/08**(11) **WO 03/087644** (13) A1

(21) PCT/US03/07757

(22) **13 Mar/mar 2003 (13.03.2003)**

(25) en (26) en

(30) 10/121,423 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW NOISE FLUID CONTROL VALVE

• SOUPAPE DE REGULATION DE FLUIDE A FAIBLE BRUIT

(71) **FISHER CONTROLS INTERNATIONAL LLC** [US/US]; 8100 West Florissant Avenue, St. Louis, MO 63136 (US).(72) **BAUMANN, Hans, D.**; 32 Pine Street, Rye, NH 03870 (US).(74) **HEPPERMAN, Roger, A.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16L 15/04, F02M 55/00**(11) **WO 03/087645** (13) A1

(21) PCT/DE03/01165

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) de (26) de

(30) 102 16 280.8 **12 Apr/avr 2002 DE (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEALING DEVICE FOR A HIGH-PRESSURE SEALING OF LINE JUNCTIONS

• DISPOSITIF D'ETANCHEITE POUR ETANCHEIFICATION HAUTE PRESION DE PASSAGES DE LIGNES

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **NEUMAIER, Martin** [DE/DE]; Andreasstr. 17c, 93059 Regensburg (DE).(74) **SIEMENS AKTIENGESSELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **F16L 17/10, 37/00**(11) **WO 03/087646** (13) A1

(21) PCT/GB03/01509

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 0208098.4 **9 Apr/avr 2002 GB (09.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PIPE REPAIR SYSTEM AND DEVICE

• SYSTEME ET DISPOSITIF DE REPARATION POUR TUYAUX

(71) **GLOWAY INTERNATIONAL INC.** [—/—]; Trident Chambers, P.O. Box 146, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf US)

(71) **BALL, Jean, Maureen** (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [GB/GB]; Ball, Jean, Maureen of P.O. Box 100, 87 Woodland Road, Darlington, County Durham, DL3 7UE (GB).
(only for / seulement pour US)

(72) **BALL, Daniel, Graham** (deceased / décédé).

(74) **MARSHALL, John, Grahame**; Serjeants, 25 The Crescent, King Street, Leicester LE1 6RX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 27/10, 27/12

(11) WO 03/087647 (13) A1

(21) PCT/JP03/04832

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-116186 18 Apr/avr 2002 JP (18.04.2002)

(30) 2003-102819 7 Apr/avr 2003 JP (07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • UNIVERSAL PIPE JOINT
• JOINT DE TUYAUTERIE UNIVERSEL

(71) **SANDEN SHOJI CO., LTD.** [JP/JP]; 24-11, Shimbashi 4-chome, Minato-ku, Tokyo 105-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOKI, Hiroyuki** [JP/JP]; 36-1, Nouk-endai 6-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0057 (JP).

(74) **NIWA, Hiroyuki**; Niwa Patent Office, Nihonseimei Shimbashi Bldg., 18-16, Shimbashi 1-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AU CN ID IN KR NZ RU SG US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (b)

(51)⁷ F16L 37/12, C23C 22/72, F01N 7/18, 7/16

(11) WO 03/087648 (13) A1

(21) PCT/DE03/01153

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de
(30) 102 15 585.2 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPRUNG STEEL CONNECTING ELEMENT AT RISK OF CORROSION, FOR CONNECTING TWO HOT COMPONENTS
• ELEMENT DE RACCORD EN ACIER A EFFET DE RESSORT ET SOUMIS A LA CORROSION, DESTINE A RACCORDER DEUX PARTIES STRUCTURALES TRES CHAUDES

(71) **CHRISTIAN BAUER GMBH + CO.** [DE/DE]; Schorndorfer Strasse 49, 73642 Welzheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÜCKNER, Lothar** [DE/DE]; Markgröninger Weg 2, 71229 Leonberg (DE).
BUCHHAGEN, Peter [DE/DE]; Oberer Wasen 38, 73642 Welzheim (DE).

(74) **PFUSCH, Volker**; Patentanwalts-Partnerschaft Rotermund + Pfüsch + Bernhard, Waiblinger Strasse 11, 70372 Stuttgart (DE).

(81) DE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F16M 11/10, G06F 1/16

(11) WO 03/087649 (13) A1

(21) PCT/US03/03049

(22) 31 Jan/jan 2003 (31.01.2003)

(25) en (26) en

(30) 10/117,386 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STABILIZED FLAT PANEL TOUCH MONITOR
• MONITEUR TACTILE A ECRAN PLAT STABILISE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **SERBINSKI, Andrew**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
BILLIG, Jason, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
KOC, Mirzat; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
ROSEN, Mark, I.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
HENRY, David, P.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PECHMAN, Robert, J.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ F16N 39/08, F01M 5/04

(11) WO 03/087650 (13) A1

(21) PCT/EP03/04182

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 0208880.5 18 Apr/avr 2002 GB (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF CONTROLLING LUBRICANT PROPERTIES BY MEANS OF DILUTING THE SAME

• PROCEDE DE CONTROLE DES PROPRIETES D'UN LUBRIFIANT GRACE A LA DILUTION DE CE DERNIER

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAYNE, Frank, David** [GB/GB]; Pool Lane, Ince, Chester, Cheshire CH2 4NU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F17C

(11) WO 03/087651 (13) A2

(21) PCT/FR03/01089

(22) 7 Apr/avr 2003 (07.04.2003)

(25) fr (26) fr

(30) 02/04610 12 Apr/avr 2002 FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • GAS SUPPLY DEVICE COMPRISING A PORTABLE CONTAINER AND A RECHARGING BASE
- DISPOSITIF DE FOURNITURE DE GAZ COMPRENANT UNE CAPACITE PORTABLE ET UNE BASE DE RECHARGEMENT

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES [FR/FR]; Georges Claude, 75, quai d'Orsay, F-75321 Paris Cedex 7 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CANTACUZENE, Serban [FR/FR]; 11, rue d'Australie, F-91300 Massy (FR).
LECOUFFE, Jean-François [FR/FR]; 189, rue de Courcelles, F-75017 Paris (FR).

(74) LE MOENNER, Gabriel et al. / etc.; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AU CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F17D

(11) WO 03/087652 (13) A2

(21) PCT/US03/02032

(22) 23 Jan/jan 2003 (23.01.2003)

(25) en (26) en

(30) 10/117,946 8 Apr/avr 2002 US
(08.04.2002)(30) PCT/US02/21253 3 Jul/juil 2002 US
(03.07.2002)(30) 10/285,376 31 Oct/oct 2002 US
(31.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • REEL TYPE PIPELINE LAYING SHIP AND METHOD

- BATEAU DE POSE DE PIPELINE DE TYPE A BOBINES ET PROCEDE ASSOCIE

(71) TORCH OFFSHORE, INC. [US/US]; 401 Whitney Avenue, Suite 400, Gretna, LA 70056 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOCKSTILL, Lyle [US/US]; 113 Victoria Drive, Belle Chasse, LA 70037 (US).

(74) NORTH, Brett, A. et al. / etc.; 3 Lakeway Center, Suite 3290, 3838 North Causeway Boulevard, Metairie, LA 70002 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21L

(11) WO 03/087653 (13) A2

(21) PCT/US03/11099

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,556 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • APPARATUS AND METHOD FOR POWERING PORTABLE BATTERY OPERATED LIGHT SOURCES

- APPAREIL ET PROCEDE PERMETTANT D'ALIMENTER DES SOURCES LUMINEUSES A L'AIDE DE BATTERIES PORTABLES

(71) KARL STORZ ENDOSCOPY-AMERICA, INC. [US/US]; 600 Corporate Pointe, Culver City, CA 90230-7600 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOLINGEN, Simon [US/US]; 2927 Woodwardia Drive, Los Angeles, CA 90077 (US).

(74) WHITMYER, Wesley, W., Jr. et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21L 4/08

(11) WO 03/087654 (13) A1

(21) PCT/CN02/00587

(22) 23 Aug/août 2002 (23.08.2002)

(25) zh (26) zh

(30) 02226676.3 8 Apr/avr 2002 CN
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FLASHLIGHT TAILCAP COMPRISING A CHARGING SET

- CAPUCHON D'ASSEMBLAGE DE LAMPE DE POCHE COMPORTANT UN GROUPE DE CHARGE

(71) ASCENT FAIR (HONG KONG) LIMITED [CN/CN]; Suit 901, 9/F Block 6, China

Hong Kong City, Tsimshatsui, Kowloon, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Manho [CN/CN]; Kam Tong Manufactory, No. 1 Ind. District, Tangxia Town, Dongguan, Guangdong 523710 (CN).

(74) NTD PATENT & TRADEMARK AGENCY LTD. BEIJING OFFICE; 10th floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21S

(11) WO 03/087655 (13) A2

(21) PCT/US03/10356

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,289 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MULTICOLOR FUNCTION INDICATOR LIGHT

- VOYANT LUMINEUX DE FONCTIONNEMENT MULTICOLORE

(71) GIBSON GUITAR CORP. [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).

(72) POWELL, Mark, H.; 13969 Marquesas Way #207B, Marina Del Rey, CA 90292 (US). SEATON, David, W.; 811 N. Catalina Ave. Ste. 1100, Redondo Beach, CA 90277 (US). MENDENHALL, Eric; 36 Wakonda, Dove Canyon, CA 92679 (US).

(74) SHOUSE, Emily A.; WADDEY & PATTERSON, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21S 8/00, F21V 8/00, 13/04

(11) WO 03/087656 (13) A1

(21) PCT/IB03/01511

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 02290990.7 **18 Apr/avr 2002** EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LUMINAIRE
• LUMINAIRE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) HOLTEN, Petrus, A., J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
KOSTERS, Paulus, G., H. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
LAC, Corinne [FR/FR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) PET, Robert, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21S 8/04, 10/00, F21V 13/04

(11) WO 03/087657 (13) A1

(21) PCT/AT03/00103

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) A 568/2002 **12 Apr/avr 2002** AT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTING DEVICE FOR ILLUMINATING ROOMS
• DISPOSITIF D'ECLAIRAGE POUR L'ECLAIRAGE DE PIECES

(71, 72) BARTENBACH, Christian [AT/AT]; Rinnerstrasse 14, A-6071 Aldrans (AT).

(74) HOFINGER, Engelbert et al. / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21S 9/03, F21L 4/02

(11) WO 03/087658 (13) A1

(21) PCT/IB03/01341

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 90906 **12 Apr/avr 2002** LU
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE ILLUMINATION DEVICE WHICH IS ECONOMICAL AND AUTONOMOUS BY MEANS OF TRANSFORMATION AND STORAGE OF SOLAR ENERGY
• DISPOSITIF D'ECLAIRAGE PORTATIF A DIODES ELECTROLUMINESCENTES ECONOMIQUE ET AUTONOME PAR TRANSFORMATION ET STOCKAGE D'ENERGIE SOLAIRE

(71, 72) SINNER, Yves [LU/LU]; 3, rue des Champs, L-7764 Bissen (LU).

(72, 75) WILLENZ, Sylvain [BE/BE]; 19, rue Kleindal, B-1630 Linkebeek (BE).

(74) SINNER, Yves; 3, rue des Champs, L-7764 Bissen (LU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ F21V

(11) WO 03/087659 (13) A2

(21) PCT/DE03/01163

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 15 744.8 **10 Apr/avr 2002** DE
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FLAT LIGHTING FIXTURE
• LUMINAIRE PLAT

(71) GRIMMEISEN VERTRIEBS GMBH [DE/DE]; Äussere Lohe 2, 83512 Wasserburg a. Inn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRIMMEISEN, Gerhard [DE/DE]; Voglberg 13, 83527 Haag i. OB (DE).

(81) AE CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (n)

Declarations / Déclarations :
(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
(v) for all designations / pour toutes les désignations

(51)⁷ F21V

(11) WO 03/087660 (13) A2

(21) PCT/US03/10807

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,158 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTING DEVICE AND METHOD
• PROCEDE ET DISPOSITIF D'ECLAIRAGE

(71) HEATRON, INC. [US/US]; 3000 Wilson Avenue, Leavenworth, KS 66048-4637 (US).

(72) MARTTER, Robert, H.; 6352 Lindenfield Drive, Erie, PA 16505 (US). SUNDBERG, Craig, C.; 2918 West 42nd Street, Erie, PA 16506 (US). GIARDINA, Richard, N.; 4118 Wood Street, Erie, PA 16509 (US). FETSCHER, Brian, S.; 266 Maiden Lane, Erie, PA 16504 (US). DEUTSCHLANDER, G., James; 5511 Martin Road, Erie, PA 16509 (US).

(74) CLARK, Kenneth, A.; Rankin, Hill, Porter & Clark LLP, 700 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115-1405 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F21V 5/02, 5/06, F21S 8/04

(11) WO 03/087661 (13) A1

(21) PCT/AT03/00104

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) A 567/2002 **12 Apr/avr 2002** AT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTING DEVICE FOR ILLUMINATING ROOMS
• DISPOSITIF D'ECLAIRAGE POUR L'ECLAIRAGE DE PIECES

(71, 72) BARTENBACH, Christian [AT/AT]; Rinnerstrasse 14, A-6071 Aldrans (AT).

(74) HOFINGER, Engelbert et al. / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F21V 7/00, 13/04

(11) WO 03/087662 (13) A1

(21) PCT/IB03/01014

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 02076445.2 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LUMINAIRE

• LUMINAIRE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
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les États désignés sauf US)*

(72, 75) HOLTEN, Petrus, A., J. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). KOSTERS, Paulus, G., H. [NL/NL];
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hoven (NL).

(74) ROLFES, Johannes, G., A.; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F21V 11/16, 17/04, 13/12

(11) WO 03/087663 (13) A1

(21) PCT/IB03/01486

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076444.5 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTING UNIT

• UNITE D'ECLAIRAGE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PETERS, Ralph, H. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUSSELDORP, Jan, C.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F21V 11/16, 13/12

(11) WO 03/087664 (13) A1

(21) PCT/IB03/01497

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076446.0 12 Apr/avr 2002 EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHTING UNIT

• UNITE D'ECLAIRAGE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
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les États désignés sauf US)*

(72, 75) VAN OERS, Denis, J., C. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). SCHUURMANS, Jelle, H. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL).

(74) DUSSELDORP, Jan, C.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F21V 17/10

(11) WO 03/087665 (13) A1

(21) PCT/EP03/01718

(22) 20 Feb/fév 2003 (20.02.2003)

(25) de (26) de

(30) 202 05 734.8 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LAMP

• DISPOSITIF D'ECLAIRAGE

(71) HERBERT WALDMANN GMBH
[DE/DE]; Peter-Henlein-Strasse 5, 78056
Villingen-Schwenningen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) WALDMANN, Gerhard [DE/DE];
Lembergstrasse 7, 78083 Dauchingen (DE).

(74) WESTPHAL, MUSSGNUG & PART-
NER; Riettor 5, 78048 Villin-
gen-Schwenningen (DE).

(81) CN SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ F21V 21/29

(11) WO 03/087666 (13) A1

(21) PCT/IT03/00228

(22) 11 Apr/avr 2003 (11.04.2003)

(25) it (26) en

(30) BS2002A000038 12 Apr/avr 2002 IT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARTICULATED MECHANICAL DE-
VICE PARTICULARLY FOR LIGHTING
APPARATUSES

• DISPOSITIF MECANIQUE ARTICULE,
DESTINE EN PARTICULIER A DES AP-
PAREILS D'ECLAIRAGE

(71) COLOSIO LIVIO [IT/IT]; Via Dossello,
62, I-25049 Iseo (Brescia) (IT). COLOSIO
FABIO [IT/IT]; Via Volontari del Sangue,
40, I-25049 Iseo (Brescia) (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) GREGORELLI, Roberto [IT/IT]; Via
Carducci, 14/B, I-25062 Concesio (Brescia)
(IT).

(74) GHIONI, Carlo, Raoul; c/o Bugnion S.p.A.,
Via Dante, 17, I-25122 Brescia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ F23C 5/08, F23L 15/02

(11) WO 03/087667 (13) A1

(21) PCT/JP03/04027

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-95698 29 Mar/mar 2002 JP
(29.03.2002)

(30) 2003-47072 25 Feb/fév 2003 JP
(25.02.2003)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • REACTOR COMBUSTION CONTROL METHOD AND REACTOR
• PROCEDE DE COMMANDE DE REACTEUR DE COMBUSTION ET REACTEUR
- (71) CHIYODA CORPORATION [JP/JP]; 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) NIPPON FURNACE KOGYO KAISHA, LTD. [JP/JP]; 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP).
(only for / seulement pour AT BE BG CA CH CY CZ DE DK EE ES FI FR GB GR HU IE IT KR LU MC NL PT SE SI SK TR)
- (72, 75) MOHRI, Takaaki [JP/JP]; c/o CHIYODA CORPORATION, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). YOSHIOKA, Toshiaki [JP/JP]; c/o CHIYODA CORPORATION, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). HOZUMI, Yoshikazu [JP/JP]; c/o CHIYODA CORPORATION, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). SHIOZAKI, Tetsu [JP/JP]; c/o CHIYODA CORPORATION, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). HASEGAWA, Toshiaki [JP/JP]; c/o NIPPON FURNACE KOGYO KAISHA, LTD., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP). MOCHIDA, Susumu [JP/JP]; c/o NIPPON FURNACE KOGYO KAISHA, LTD., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP).
- (74) NISHIURA, Tsuguharu; NISHIURA & ASSOCIATES, Toranomom 19 MT Building 6F, 2-20, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AU CA CN ID KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ F23D 14/26, 14/70
- (11) WO 03/087668 (13) A1
- (21) PCT/AU03/00418
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) PS 1611 8 Apr/avr 2002 AU (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMPROVED GAS BURNER
• BRULEUR A GAZ AMELIORE
- (71) INDUSTRIAL ENGINEERING TECHNOLOGY PTY LTD [AU/AU]; Unit 3, 62 Kurrajong Avenue, Mt Druitt, NSW 2770 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KHANANIA, Souhel [AU/AU]; C/-Unit 3, 62 Kurrajong Avenue, Mt Druitt, NSW 2770 (AU).
- (74) WALSH, John, Richard; Walsh & Associates, Patent and Trade Mark Attorneys,
- Locked Bag 2011 Glebe Post Office, Glebe, NSW 2037, NSW (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23G 5/00, 5/027
- (11) WO 03/087669 (13) A1
- (21) PCT/JP03/04568
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) ja (26) ja
- (30) 2002-110984 12 Apr/avr 2002 JP (12.04.2002)
- (30) 2002-113818 16 Apr/avr 2002 JP (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FUSION FURNACE, GASIFICATION FUSION FURNACE, AND METHOD OF PROCESSING WASTE
• INCINERATEUR, INCINERATEUR DE GAZEIFICATION ET PROCEDE DE TRAITEMENT DES DECHETS
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AZUMA, Nobuya [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). KOSUGI, Shigeru [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). NAKAJIMA, Takashi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). ANDO, Tetsuya [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). KOJIMA, Toshio [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
- (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23G 5/00
- (11) WO 03/087670 (13) A1
- (21) PCT/KR03/00676
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) ko (26) en
- (30) 20-2002-0011109 12 Apr/avr 2002 KR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WASTE HIGH-TEMPERATURE INCINERATOR
• INCINERATEUR DE DECHETS A HAUTE TEMPERATURE
- (71) WINNER TECHNOLOGY CO., LTD. [KR/KR]; Namdong Industrial Complex 121B-11L 691-10 Gojan-dong, Namdong-gu, Incheon 405-820 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Dong-Bin [KR/KR]; 104-302 Hangang Daewoo Apt., 415, Ichon-dong,, Yongsan-gu, Seoul 140-030 (KR).
- (74) KIM, Inhan; 6F, Kyungmin B/D #18-3, Jamwon-Dong, Seochu-gu, Seoul 137-903 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F23Q 2/16
- (11) WO 03/087671 (13) A1
- (21) PCT/FR03/01072
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) fr (26) fr
- (30) 02/04862 18 Apr/avr 2002 FR (18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GAS LIGHTER
• BRIQUET A GAZ
- (71) SOCIETE BIC [FR/FR]; 14, rue Jeanne d'Asnières, F-92611 Clichy Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOUCET, Michel [FR/FR]; La Crois Verte, F-35600 Bains-sur-Oustre (FR). FRIGIERE, René [FR/FR]; La Plessis Rivault, F-56350 Allaire (FR).
- (74) BURBAUD, Eric et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

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(11) WO 03/087672 (13) A1

(21) PCT/US03/10365

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/120,268 10 Apr/avr 2002 US
(10.04.2002)

(30) 10/189,711 3 Jul/juil 2002 US
(03.07.2002)

(30) 10/397,394 26 Mar/mar 2003 US
(26.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A CATALYTIC COMBUSTION SYS-
TEM AND METHOD OF OPERATING
A GAS TURBINE INCORPORATING
SUCH A SYSTEM

• SYSTEME DE COMBUSTION CATA-
LYTIQUE ET PROCÉDE DE FONC-
TIONNEMENT D'UNE TURBINE A
GAZ COMPRENANT LEDIT SYSTEME

(71) THE BOEING COMPANY [US/US]; P.O.
Box 3707, M/S 13-08, Seattle, WA 98124-
2207 (US).

(72) SPROUSE, Kenneth, M.; 18213 Os-
borne Street, Northridge, CA 91325
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23564 Knollhaven Street, Simi Valley, CA
93065 (US). MATTHEWS, David, R.; 324
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(US).

(74) GALBRAITH, Ann, K.; The Boeing Com-
pany, P.O. Box 3707, M/S 13-08, Seattle, WA
98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ F24B 1/18

(11) WO 03/087673 (13) A2

(21) PCT/US03/10656

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,615 10 Apr/avr 2002 US
(10.04.2002)

(30) 10/407,283 3 Apr/avr 2003 US
(03.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIRE AND WATER DISPLAY DEVICE
• DISPOSITIF DE PRESENTATION
D'EAU ET DE FEU

(71) TRAVIS INDUSTRIES, INC. [US/US];
10850 117th Place NE, Kirkland, WA 98033
(US).

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les États désignés sauf US)

(72, 75) RUMENS, Kurt, W., F. [US/US]; 11806
84th Avenue NE, Kirkland, WA 98034 (US).
ATEMBOSKI, Alan, R. [US/US]; 2033 NE
24th Street, Renton, WA 98056 (US). LEE,
Homer [CA/CA]; 7288 Rupert Street, Van-
couver, British Columbia V5S 2Z9 (CA).

(74) WOOLSTON, Robert, G. et al. / etc.; PAT-
SEA, P.O. Box 1247, Seattle, WA 98111-1247
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F24D 11/00, F02G 5/04

(11) WO 03/087674 (13) A1

(21) PCT/GB03/01572

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208335.0 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN AUTONOMOUS UNIT FOR SUP-
PLYING ENERGY
• UNITE AUTONOME D'ALIMENTA-
TION D'ENERGIE

(71) MDU LIMITED [GB/GB]; 2 White Cot-
tages, Mumby's Grove, Threeholes, Wisbech
PE14 9JT (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOUNG, Robert, Leslie [GB/GB]; 29
Dunsberry, Bretton, Peterborough PE3 8LA
(GB). SEVERWRIGHT, Robert, Anthony
[GB/GB]; 17 Mapledene Avenue, Hullbridge,
Hockley SS5 6JB (GB). EFFORD, Clive,
William [GB/GB]; c/o MDU Limited, 2
White Cottages, Mumby's Grove, Three-
holes, Wisbech PE14 9JT (GB).

(74) LAMB, Richard, A.; Urquhart-Dykes &
Lord, New Priestgate House, 57 Priestgate,
Peterborough, Cambridgeshire PE1 1JX
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F24D 17/00, G05D 23/13

(11) WO 03/087675 (13) A1

(21) PCT/JP03/04902

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002/116350 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROL DEVICE OF FLUID MIXING
EQUIPMENT

• DISPOSITIF DE COMMANDE D'UN
EQUIPEMENT DE MELANGE DE
FLUIDE

(71) ALUBO CO., LTD. [JP/JP]; 9-1, Shin-
miyakoda 1-chome, Hamamatsu-shi,
Shizuoka 431-2103 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) KITAMURA, Teruo [JP/JP]; 75-12,
Uematsu-cho, Hamamatsu-shi, Shizuoka
430-0803 (JP).

(74) MURATA, Minoru; Asunaro Patent Of-
fice, Sanko Bldg. 5th Floor, 2-10, Kanda
Ogawamachi 3-chome, Chiyoda-ku, Tokyo
101-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F24F 13/20

(11) WO 03/087676 (13) A1

(21) PCT/SE03/00579

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0201061-9 9 Apr/avr 2002 SE
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GAS HANDLING SYSTEM

- SYSTEME DE MANIPULATION DE GAZ
- (71) FLÅKT WOODS AB [SE/SE]; S-551 84 Jönköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WESTBERG, Daniel [SE/SE]; Smedjegatan 16, S-553 20 Jönköping (SE). ROOS, Gunnar [SE/SE]; Havsrörsgatan 65, S-556 10 Jönköping (SE). SAGSTRÖM, Tobias [SE/SE]; Vråvägen 3, S-555 94 Jönköping (SE). FLAWN ORPANA, Lisa [—/SE]; Dunkhallavägen 35A, S-554 47 Jönköping (SE). LAWRENCE, William [—/SE]; Finnbacken, S-563 91 Gränna (SE). EVERS, Peder [SE/SE]; Gondoligatan 6, S-128 32 Skarpnäck (SE).
- (74) ABB Group Services Center AB; Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 Vasterås (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F25B
- (11) WO 03/087677 (13) A2
- (21) PCT/DK03/00229
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) PA 2002 00528 10 Apr/avr 2002 (10.04.2002) DK
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A CONDENSATION VESSEL AND METHOD OF CONDENSATION OF A REFRIGERANT
- RECIPIENT DE CONDENSATION ET PROCEDE DE CONDENSATION D'UN REFRIGERANT
- (71) S.S. RUSTFRI A/S [DK/DK]; Formervangen 36, DK-2600 Glostrup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SØRENSEN, Povl, Kongsgaard [DK/DK]; Vejleholmen 14, DK-2630 Taastrup (DK). NIELSEN, Elo [DK/DK]; Molleskovvej 135, DK-4370 St. Merløse (DK).
- (74) SIMONSEN, Christian, Rosendal et al. / etc.; Internationalt Patent-Bureau A/S, Høje Taastrup Boulevard 23, DJ-2630 Taastrup (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ F25B 9/00
- (11) WO 03/087678 (13) A1
- (21) PCT/US03/11367
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 60/372,008 10 Apr/avr 2002 (10.04.2002) US
- (30) 60/371,967 10 Apr/avr 2002 (10.04.2002) US
- (30) 60/445,866 6 Feb/fév 2003 (06.02.2003) US
- (30) 10/409,855 9 Apr/avr 2003 (09.04.2003) US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COMPLIANT ENCLOSURE FOR THERMOACOUSTIC DEVICES
- ENVELOPPE SOUPLE POUR DISPOSITIFS THERMO-ACOUSTIQUES
- (71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POESE, Matthew, E. [US/US]; 2325 Circleville Road, State College, PA 16803 (US). SMITH, Robert, W., M. [US/US]; 110 Suburban Avenue, State College, PA 16803 (US). WAKELAND, Ray, S. [US/US]; 4800 W. Cardinal Drive, Muncie, IN 47304 (US). GARRETT, Steven, L. [US/US]; 1135 Outer Drive, State College, PA 16801 (US).
- (74) WATHEN, Douglas, L. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, P.C., 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ F25B 9/00
- (11) WO 03/087680 (13) A1
- (21) PCT/US03/11369
- (22) 10 Apr/avr 2003 (10.04.2003)

- (25) en (26) en
- (30) 60/372,008 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 60/371,967 **10 Apr/avr 2002** US
(10.04.2002)
- (30) 60/445,866 **6 Feb/fév 2003** US
(06.02.2003)
- (30) 10/410,492 **9 Apr/avr 2003** US
(09.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • THERMOACOUSTIC DEVICE
• DISPOSITIF THERMO-ACOUSTIQUE
- (71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Robert, W., M. [US/US]; 110 Suburban Avenue, State College, PA 16803 (US). POESE, Matthew, E. [US/US]; 2325 Circleville Road, State College, PA 16803 (US). GARRETT, Steven, L. [US/US]; 1135 Outer Drive, State College, PA 16801 (US). WAKELAND, Ray, S. [US/US]; 4800 W. Cardinal Drive, Muncie, IN 47304 (US).
- (74) WATHEN, Douglas, L. et al. / etc.; Gifford, Krass, Groh, Sprinkle., Anderson & Citkowski, P.C., 280 N. Old Woodward Avenue, Suite 400, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F25B 13/00**
- (11) **WO 03/087681** (13) A1
- (21) PCT/JP03/04047
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) ja (26) ja
- (30) 2002-96707 **29 Mar/mar 2002** JP
(29.03.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HEAT SOURCE UNIT OF AIR CONDITIONER AND AIR CONDITIONER
• UNITE SOURCE DE CHALEUR D'APPAREIL DE CLIMATISATION ET APPAREIL DE CLIMATISATION
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUOKA, Shinya [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). SADA,

- Shinri [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). INOUE, Hiroyuki [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). FUCHIKAMI, Hiroshi [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). UMEDA, Atsushi [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).
- (74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F25B 17/08, 35/04, 30/04**
- (11) **WO 03/087682** (13) A1
- (21) PCT/EP03/03880
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) de (26) de
- (30) 102 17 443.1 **18 Apr/avr 2002** DE
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SOLID SUBSTANCE SORPTION HEAT PUMP
• POMPE A CHALEUR A SORPTION SOLIDE
- (71) SORTECH AG [DE/DE]; Hanferstrasse 28, 79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENNING, Hans-Martin [DE/DE]; Marie-Curie-Strasse 28, 79100 Freiburg (DE).
- (74) WEITZEL & PARTNER; Friedenstrasse 10, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **F25B 29/00**
- (11) **WO 03/087683** (13) A1
- (21) PCT/JP02/03717
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEHUMIDIFYING METHOD
• PROCEDE DE DESHUMIDIFICATION
- (71, 72) SATO, Chikayoshi [JP/JP]; 1-6-11, Hirano, Kashiwara-shi, Osaka 581-0019 (JP).
- (74) IISAKA, Yasuo; Iisaka International Patent Office, Utoku Building, 6-85, Benten-Dori, Naka-ku, Yokohama-shi, Kanagawa 231-0007 (JP).
- (81) CN US.
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- (51)⁷ **F25C 1/12, F25B 21/04**
- (11) **WO 03/087684** (13) A1
- (21) PCT/SE03/00582
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) sv (26) en
- (30) 0201141-9 **15 Apr/avr 2002** SE
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ICE MACHINE
• MACHINE POUR LA PRODUCTION DE GLACE
- (71) IGLOOLUX AB [SE/SE]; Ringvägen 19, S-960 30 Vuollerim (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LARSSON, Jörgen [SE/SE]; Ringvägen 9, S-960 30 Vuollerim (SE).
- (74) ZACCO SWEDEN AB et al. / etc.; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F25D**
- (11) **WO 03/087685** (13) A2
- (21) PCT/EP03/50105
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) fr (26) fr
- (30) 0204763 **15 Apr/avr 2002** FR
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PROTECTIVE COVERING FOR WELDING DEVICES

- HOUSSE DE PROTECTION POUR DES APPAREILS DE SOUDAGE

(71) ATELIER SYSTÈMES DE PROTECTION SARL [FR/FR]; 840, Chemin des Montants, BP 13, F-54690 Eulmont (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBILLOT, Alain [FR/FR]; 29, rue du Château, F-54690 Eulmont (FR).

(74) VIÈL, Frédérique; Cabinet Vièl, 1, rue des Bleuets, BP 18, F-57520 Grosblierstroff (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ F25J 3/04

(11) WO 03/087686 (13) A1

(21) PCT/EP03/03395

(22) 1 Apr/avr 2003 (01.04.2003)

(25) de (26) de

(30) 102 16 269.7 12 Apr/avr 2002 DE (12.04.2002)

(30) 02011058.1 17 May/mai 2002 EP (17.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR EXTRACTING ARGON BY LOW-TEMPERATURE AIR SEPARATION

- PROCEDE DE PRODUCTION D'ARGON PAR SEPARATION DE L'AIR A BASSE TEMPERATURE

(71) LINDE AKTIENGESELLSCHAFT [DE/DE]; Abraham-Lincoln-Strasse 21, 65189 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLATTHAAR, Reinhard [DE/DE]; Heiterwanger Strasse 34, 81373 München (DE). KUNZ, Christian [DE/DE]; Irmgardstrasse 5, 81479 München (DE). RANKE, Harald [DE/DE]; Feldafingerstrasse 27, 82343 Pöcking (DE).

(74) LINDE AKTIENGESELLSCHAFT; Zentrale Patentabteilung, 82049 Höllriegelskreuth (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F26B 5/04, B08B 3/02

(11) WO 03/087687 (13) A1

(21) PCT/CH03/00226

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 0633/02 16 Apr/avr 2002 CH (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRYING CABINET COMPRISING A CLEANING DEVICE

- ARMOIRE DE SECHAGE COMPRENANT UN DISPOSITIF DE NETTOYAGE

(71) BUCHER-GUYER AG [CH/CH]; Murzlenstrasse 80, CH-8166 Niederweningen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BINDER, Mathias [CH/CH]; Rebhaldenweg 10, CH-8708 Männedorf (CH).

(74) ULRICH, Gerhard, H.; Brunnenweid 55, CH-5643 Sins (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F27B 3/28, C21C 5/46, F27D 19/00

(11) WO 03/087688 (13) A1

(21) PCT/FR03/01090

(22) 7 Apr/avr 2003 (07.04.2003)

(25) fr (26) fr

(30) 02/04683 15 Apr/avr 2002 FR (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCTION OF MOLTEN METAL IN AN ELECTRIC FURNACE

- PROCEDE DE PRODUCTION DE METAL LIQUIDE DANS UN FOUR ELECTRIQUE

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; Georges Claude, 75, quai d'Orsay, F-75321 Paris Cedex 7 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLEMAND, Bruno [FR/FR]; 9, avenue de la Tranquillité, F-78000 Versailles (FR). MAJJAD, Rachid [FR/FR]; 10, rue de la Sourderie, F-78180 Montigny-Le-Bretonneux (FR).

(74) VESIN, Jacques et al. / etc.; c/o l'Air Liquide, 75, quai d'Orsay, F-75321 Paris Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F27D 7/06

(11) WO 03/087689 (13) A1

(21) PCT/US03/10416

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/115,694 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INDUCTION FURNACE FOR HIGH TEMPERATURE OPERATION

- FOUR A INDUCTION POUR UN FONCTIONNEMENT A TEMPERATURE ELEVEE

(71) UCAR CARBON COMPANY, INC. [US/US]; 12900 Snow Road, Parma, OH 44130 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLER, Douglas, J. [US/US]; * (US). RUOFF, Werner, H. [US/US]; * (US). INTERMILL, Allan, W. [US/US]; * (US). THOMAN, Thomas, R. [US/US]; * (US). SHAO, Richard, L. [US/US]; * (US). STRONG, Stephen, L. [US/US]; * (US).

(74) CHIRGOTT, Paul, S.; 12900 Snow Road, Parma, OH 44130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **F27D 15/02, F28C 3/16, B65G 25/00**
- (11) **WO 03/087690** (13) A1
- (21) PCT/EP03/03886
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) de (26) de
- (30) 102 16 926.8 **17 Apr/avr 2002 DE**
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR CON-
VEYING HOT CEMENT CLINKER
THROUGH A GRATE COOLER
- PROCEDE ET DISPOSITIF POUR
TRANSPORTER DU CLINKER CHAUD
A TRAVERS UN REFROIDISSEUR TU-
BULAIRE
- (71) **KHD HUMBOLDT WEDAG AG**
[DE/DE]; Dillener Strasse 69, 51105
Köln (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **BINNINGER, Thomas** [DE/US]; 186
Ridgeland Avenue, Decatur, GA 30030 (US).
SCHINKE, Karl [DE/DE]; Berrenrather
Strasse 337, 50937 Köln (DE). **MERS-
MANN, Matthias** [DE/BE]; Franssens
Busch 14, 4731 Lichtenbusch (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **F28D 1/00, 1/02, 1/04**
- (11) **WO 03/087691** (13) A1
- (21) PCT/US03/10765
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 10/119,412 **9 Apr/avr 2002 US**
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HEAT EXCHANGER WITH BEVELED
HEADER
- ECHANGEUR THERMIQUE COMPOR-
TANT UN COLLECTEUR BISEAUTE

- (71) **DURAMAX MARINE, LLC** [US/US];
17990 Great Lakes Parkway, Hiram, OH
44234 (US).
- (72) **LEESON, Jeffrey, S.**; 4488 Mackall Road,
South Euclid, OH 44122 (US). **PEOPLES,
Eric, K.**; 1076 Sunnywood Lane, Ravenna,
OH 44266 (US). **BRAKEY, Michael, W.**;
3309 Glencairn Road, Shaker Heights, OH
44122 (US).
- (74) **HOCHBERG, Peter, D.**; D. Peter Hochberg
Co., L.P.A., 6th floor, 1940 East, 6th Street,
Cleveland, OH 44114 (US).
- (81) BR CA CN KR NI SG ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ **F28D 1/03, F28F 27/02**
- (11) **WO 03/087692** (13) A1
- (21) PCT/CA03/00503
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 2,381,214 **10 Apr/avr 2002 CA**
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HEAT EXCHANGER INLET TUBE
WITH FLOW DISTRIBUTING TURBU-
LIZER
- TUBE D'ADMISSION D'ECHANGEUR
DE CHALEUR A AGITATEUR DISTRI-
BUTEUR DE FLUX

- (71) **DANA CANADA CORPORATION**
[CA/CA]; 656 Kerr Street, Oakville, On-
tario L6K 3E4 (CA).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **RONG, Xiaoyang** [CA/CA]; 20 Cecil
Street, Toronto, Ontario M5T 1N2 (CA).
- (74) **RIDOUT & MAYBEE LLP**; One Queen
Street East, Suite 2400, Toronto, Ontario
M5C 3B1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

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- (51)⁷ **F28D 5/02**
- (11) **WO 03/087693** (13) A1
- (21) PCT/US03/11114
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 10/120,446 **12 Apr/avr 2002 US**
(12.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HEAT EXCHANGE METHOD AND AP-
PARATUS
- PROCEDE ET APPAREIL D'ECHANGE
THERMIQUE
- (63) US 10/120,446 (CIP)
4 Dec/déc 2002 (04.12.2002)
- (71) **MARLEY COOLING TECHNOLO-
GIES, INC.** [US/US]; 7401 West 129th
Street, Overland Park, KS 66213 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **STRATMAN, Jason** [US/US]; 2408
SW Woodhaven Lane, Lee's Summit, MO
64082 (US). **YANG, Jidong** [US/US]; 7816
W. 147th Terrace, Overland Park, KS 66223
(US).
- (74) **SHEEHAN, Kenneth, J. et al.** / etc.; Baker
& Hostetler LLP, Washington Square, Suite
100, 1050 Connecticut Avenue N.W., Wash-
ington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **F28D 5/02**
- (11) **WO 03/087694** (13) A1
- (21) PCT/US03/11219
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 10/120,449 **12 Apr/avr 2002 US**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HEAT EXCHANGE METHOD AND AP-
PARATUS
- PROCEDE ET APPAREIL D'ECHANGE
DE CHALEUR
- (63) US 10/120,449 (CIP)
12 Apr/avr 2002 (12.04.2002)
- (71) **MARLEY COOLING TECHNOLO-
GIES, INC.** [US/US]; 7401 West 129th
Street, Overland Park, KS 66213 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **STRATMAN, Jason** [US/US]; 2408 SW
Woodhaven Lane, Lee's Summit, MO 64082
(US). **YANG, Jidong** [US/US]; 7816 West
147th Terrace, Overland Park, KS 66223
(US).
- (74) **SHEEHAN, Kenneth, J. et al.** / etc.;
BAKER & HOSTETLER LLP, Washington
Square, 1050 Connecticut Avenue N.W.,
Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F28D 15/02

(11) WO 03/087695 (13) A1

(21) PCT/JP03/04678

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112779 16 Apr/avr 2002 JP
(16.04.2002)

(30) 2002-112780 16 Apr/avr 2002 JP
(16.04.2002)

(30) 2003-009026 17 Jan/jan 2003 JP
(17.01.2003)

(30) 2003-009027 17 Jan/jan 2003 JP
(17.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SELF-EXCITED VIBRATION HEAT
PIPE AND COMPUTER WITH THE
HEAT PIPE

• CONDUIT CALORIQUE VIBRATOIRE
A AUTO-EXCITATION ET CALCULA-
TEUR LE CONTENANT

(71, 72) MIYAZAKI, Yoshiro [JP/JP]; 6-13,
Bunkyo 7-chome, Fukui-shi, Fukui 910-0017
(JP). MIYAZAKI, Kaneko [JP/JP]; 6-13,
Bunkyo 7-chome, Fukui-shi, Fukui 910-0017
(JP).

(74) KAWASAKI, Yoshiaki; Kaido Bldg., 19-29,
Teyose 1-chome, Fukui-shi, Fukui 910-0858
(JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F41B 5/12

(11) WO 03/087696 (13) A1

(21) PCT/PL02/00030

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A TILLER, BOW AND TRIGGER
MECHANISM FOR A CROSSBOW,
AND A CROSSBOW

• DISPOSITIF DE CAMBRURE, ARC ET
MECANISME DE DECLenchement
POUR ARBALETE, ET ARBALETE AS-
SOCIEE

(71, 72) DZIEKAN, Marcin [PL/PL]; ul.
Anielewicz 2 m. 28, PL-00157 Warszawa
(PL).

(74) SIERZPUTOWSKA, Iwona; Sulima-
Grabowska-Sierzputowska, Patent and
Trademark Attorneys, ul. Waryńskiego
1, PL-00645 Warszawa (PL).

(81) AU CA CH CN CZ DE ES HU JP NO NZ PL
RU SK US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ F41B 11/02

(11) WO 03/087697 (13) A2

(21) PCT/US03/10291

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/117,673 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PAINT BALL GUN HAVING PAINT
BALL DISPENSER WITH THREADED
CONNECTOR

• PISTOLET POUR PROJECTILES A
PEINTURE DE TYPE ≤ PAINT-BALL ≥
DOTTED'UN DISTRIBUTEUR DE PRO-
JECTILES DE TYPE ≤ PAINT-BALL
≥ PRESENTANT UN CONNECTEUR
FILETE

(71) AVALON MANUFACTURING COM-
PANY [US/US]; 10920 King Hurst, Suite C,
Houston, TX 77099 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HO, Stephen [US/US]; 16 Foster Green,
Sugarland, TX 77479 (US).

(74) STROZIER, Robert, W.; 2925 Briarpark
Drive, Suite 930, Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F41B 11/02

(11) WO 03/087698 (13) A1

(21) PCT/US03/11637

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,273 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIFFERENTIAL DETECTION SYS-
TEM FOR CONTROLLING FEED OF A
PAINTBALL LOADER

• SYSTEME DE DETECTION DIFFE-
RENTIELLE PERMETTANT DE REGU-
LER L'ALIMENTATION D'UN CHAR-
GEUR DE PAINTBALL

(71) NATIONAL PAINTBALL SUPPLY, INC.
[US/US]; 570 Mantua Boulevard, Sewell, NJ
08080 (US).

(72) CHRISTOPHER, James, T.; 722 Brook-
field, Garland, TX 75040 (US). GODDARD,
Chris, T.; 1643 Juniper Lane, Lewisville, TX
75077 (US).

(74) CANNUSCIO, Robert, E.; Drinker Biddle
& Reath, LLP, One Logan Square, 18th and

Cherry Streets, Philadelphia, PA 19103-6996
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F41C 9/00

(11) WO 03/087699 (13) A2

(21) PCT/FR03/01220

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04731 16 Apr/avr 2002 FR
(16.04.2002)

(30) 03/00520 17 Jan/jan 2003 FR
(17.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATIC PERSONAL WEAPON
WITH ELECTRONIC MANAGEMENT
AND CASELESS AMMUNITION

• ARME INDIVIDUELLE AUTOMA-
TIQUE A GESTION ELECTRONIQUE
ET MUNITIONS SANS ETUIS

(71, 72) COURTY, Philippe [FR/FR]; 89 bd. Ex-
celmans, F-75016 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F41G 1/387

(11) WO 03/087700 (13) A1

(21) PCT/US03/10970

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,059 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUSES AND METHODS FOR
REMOVABLY MOUNTING AN OPTI-
CAL DEVICE

• APPAREILS ET PROCEDE PERMET-
TANT UN MONTAGE AMOVIBLE
D'UN DISPOSITIF OPTIQUE

(71, 72) VAN KIRK, Robert, J. [US/US]; 601
Academy Avenue, Sewickley, PA 15143
(US).

(74) **EDGINGTON, Thomas, J.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F41H**

(11) **WO 03/087701** (13) A2

(21) PCT/DE03/01269

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) de (26) de

(30) 102 17 177.7 **18 Apr/avr 2002 DE (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBAT VEHICLE, ESPECIALLY AN ARMoured VEHICLE AND TANK

• VEHICULE DE COMBAT, EN PARTICULIER VEHICULE BLINDE DE COMBAT D'INFANTERIE

(71) **KRAUSS-MAFFEI WEGMANN GMBH & CO. KG** [DE/DE]; August-Bode-Strasse 1, 34127 Kassel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JILG, Manfred** [DE/DE]; Dornbergstr. 17, 37247 Grossalmerode (DE). **LORENZ, Bernhard** [DE/DE]; Dorfstr. 18, 34299 Oberweser (DE). **OXE, Heinrich** [DE/DE]; Walme 10, 34474 Diemelstadt (DE). **SCHEIBEL, Axel** [DE/DE]; Auf der Pfiffershecke 9, 34266 Niestetal (DE).

(74) **FEDER, Wolf-D.**; Dominikanerstr. 37, 40545 Düsseldorf (DE).

(81) CA NO US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **F41H 11/12, 11/14**

(11) **WO 03/087702** (13) A1

(21) PCT/IT02/00232

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MINE REMOVING SYSTEM

• SYSTEME DE DEMINAGE

(71) **EURONORD S.A.S. di G.B. MARCOLLA & C.** [IT/IT]; Via Brennero, 52, I-38100 Trento (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCOLLA, Giovanni, Battista** [IT/IT]; Località S. Anna, 2, I-38060 Cimana (IT).

(74) **AIMI, Luciano** et al. / etc.; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F42B**

(11) **WO 03/087703** (13) A2

(21) PCT/US02/09502

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) en (26) en

(30) 09/834,232 **12 Apr/avr 2001 US (12.04.2001)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR RECYCLING ENERGETIC MATERIALS

• PROCEDE ET APPAREIL DE RECYCLAGE DE MATERIAUX ENERGETIQUES

(71, 72) **MUELLER, Edward, C.** [US/US]; 51 Ethelbert Place, Ridgewood, NJ 07540-4228 (US).

(74) **FRISCIA, Michael, R.**; Wolff & Samson PC, One Boland Drive, West Orange, NJ 07052 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F42B 3/12**

(11) **WO 03/087704** (13) A1

(21) PCT/IB03/01329

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/124,470 **16 Apr/avr 2002 US (16.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HEADER WITH OVERLYING EYELET

• CONNECTEUR D'AMORCEUR SUR-MONTE D'UN PLOT

(71) **SPECIAL DEVICES, INC.** [US/US]; 14370 White Sage Road, Moorpark, CA 93021 (US).

(72) **BERG, Paul**; 10961 Key West Avenue, Northridge, CA 91326 (US). **AVATISIAN, Vahan**; 729 Avenida Loma Portal, Newbury

Park, CA 91320 (US). **RENZ, Robert**; 15409 South 28th Street, Phoenix, AZ 85048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F42B 3/12, B60R 21/26, 22/46**

(11) **WO 03/087705** (13) A1

(21) PCT/JP03/04820

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) ja (26) ja

(30) 2002-112782 **16 Apr/avr 2002 JP (16.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GAS GENERATOR

• GENERATEUR DE GAZ

(71) **NIPPON KAYAKU KABUSHIKI-KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).

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(72, 75) **KUBO, Dairi** [JP/JP]; 3-14, Kitahirano 3-chome, Himeji-shi, Hyogo 670-0893 (JP). **TANAKA, Koji** [JP/JP]; c/o Himeji Factory of NIPPON KAYAKU KABUSHIKI-KAISHA, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP).

(74) **KAJI, Yoshiyuki** et al. / etc.; Recruit Shin Osaka BLDG., 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01B**

(11) **WO 03/087706** (13) A2

(21) PCT/EP03/03421

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) de (26) de

(30) 102 17 726.0 **17 Apr/avr 2002 DE (17.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL POSITION MEASURING DEVICE

• DISPOSITIF OPTIQUE DE MESURE DE POSITION

(71) **DR. JOHANNES HEIDENHAIN GMBH** [DE/DE]; Postfach 12 60, 83292 Traunreut (DE).

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(72, 75) **BENNER, Ulrich** [DE/DE]; Buchenstrasse 29a, 83308 Trostberg (DE). **MAYER, Elmar** [DE/DE]; Am Höllberg 5, 83365 Nussdorf (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01B**

(11) **WO 03/087707** (13) A2

(21) PCT/US03/11053

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,067 **12 Apr/avr 2002 (12.04.2002)** US

(30) 60/417,246 **9 Oct/oct 2002 (09.10.2002)** US

(30) 10/372,006 **21 Feb/fév 2003 (21.02.2003)** US

(30) 10/406,928 **4 Apr/avr 2003 (04.04.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METALLIZATION OF CARBON NANOTUBES FOR FIELD EMISSION APPLICATIONS

• METALLISATION DE NANOTUBES DE CARBONE POUR DES APPLICATIONS D'EMISSION DE CHAMP

(71) **SI DIAMOND TECHNOLOGY, INC.** [US/US]; 3006, Longhorn, Blvd., Suite 107, Austin, TX 78758 (US).

(72) **MAO, DONGSHENG**; 8617 Spicewood Springs Road, #23, Austin, TX 78759 (US). **YANIV, Zvi**; 5810 Long Court, Austin, TX 78730 (US). **FINK, Richard, Lee**; 3909 Hawkshead Drive, Austin, TX 78727 (US).

(74) **KORDZIK, Kelly, K.** et al. / etc.; WINSTEAD SECHREST & MINICK P.C., P.O.Box 50784, 1201 Main Street, Dallas, TX 75250-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01B 5/012, 7/012**

(11) **WO 03/087708** (13) A1

(21) PCT/GB03/01496

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en

(30) 0207912.7 **5 Apr/avr 2002 (05.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • KINEMATIC COUPLING WITH DAMPER

• COUPLAGE CINEMATIQUE A AMORTISSEUR

(71) **RENISHAW PLC** [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).

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(72, 75) **HAJDUKIEWICZ, Peter** [GB/GB]; Bonnie Banks, Middle Spring, Ruscombe, Stroud, Gloucestershire GL6 6DE (GB). **McMURTRY, David, Roberts** [GB/GB]; Park Farm, Stancombe, Dursley, Gloucestershire GL11 6AT (GB).

(74) **JACKSON, John, Timothy**; Renishaw PLC, Patent Department, New Mills, Wotton-Under-Edge, Gloucestershire GL12 8JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G01B 7/34**

(11) **WO 03/087709** (13) A1

(21) PCT/US03/10304

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 11/117,822 **5 Apr/avr 2002 (05.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NANOWIRE MICROSCOPE PROBE TIPS

• POINTES SONDES DE MICROSCOPE A NANOFILS

(71) **INTEGRATED NANOSYSTEMS, INC.** [US/US]; 1183 Bordeaux Drive, Suite 39, Sunnyvale, CA 94089 (US).

(72) **HAN, Jie**; 7703 Oak Meadow Court, Cupertino, CA 95014 (US). **STEVENS, Ramsey, M.**; 360 Cowper Street, Apt. 10, Palo Alto, CA 94301 (US). **CASSELL, Alan, M.**; 1179 Minnesota Avenue, San Jose, CA 95125 (US).

(74) **TREY, G., Victor**; 663 Town & Country Vlg., Sunnyvale, CA 94086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01B 9/02**

(11) **WO 03/087710** (13) A2

(21) PCT/US03/10212

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/371,172 **9 Apr/avr 2002 (09.04.2002)** US

(30) 10/217,531 **13 Aug/août 2002 (13.08.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR STAGE MIRROR MAPPING

• PROCEDE ET DISPOSITIF DE CARTOGRAPHIE DE MIROIR DE PLATINE

(71) **ZYGO CORPORATION** [US/US]; Laurel Brook Road, Middlefield, CT 06455-0448 (US).

(72) **HILL, Henry, Allen**; 340 South Avenida de Palmas, Tucson, AZ 85716 (US).

(74) **CAUFIELD, Francis, J.**; 6 Apollo Circle, Lexington, MA 02421-7025 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01B 11/00, 11/16**

(11) **WO 03/087711** (13) A1

(21) PCT/JP03/00299

(22) **16 Jan/jan 2003 (16.01.2003)**

(25) ja (26) ja

(30) 2002-9940 **18 Jan/jan 2002 (18.01.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH-PRECISION MEASURING METHOD FOR OBJECT TO BE MEASURED BY LASER REFLECTION BEAM AND DEVICE THEREFOR

• PROCEDE DE MESURE HAUTE PRECISION D'UN OBJET AU MOYEN D'UN FAISCEAU DE REFLEXION LASER ET DISPOSITIF CORRESPONDANT

(71) **KABUSHIKI KAISHA TOYOSEIKI-SEISAKUSHO** [JP/JP]; 15-4, Takinogawa 5-chome, Kita-ku, Tokyo 114-8557 (JP).

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(72, 75) **KOBAYASHI, Kouichi** [JP/JP]; C/O KABUSHIKI KAISHA TOYOSEIKI-SEISAKUSHO, 15-4, Takinogawa 5-chome, Kita-ku, Tokyo 114-8557 (JP).

(74) **KIKUCHI, Taketsugu** et al. / etc.; 4F, Akusesu Ochanomizu, 23, Kanda Awajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01B 11/04, G07B 17/00, 17/02, G01G
19/00, 19/415, B07C 5/10, 5/16

(11) WO 03/087712 (13) A1

(21) PCT/AU03/00413

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) PS 1642 9 Apr/avr 2002 AU
(09.04.2002)

(30) PS 2920 13 Jun/juin 2002 AU
(13.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CUBING APPARATUS AND METHODS
• PROCEDES ET APPAREIL DE ME-
SURE DU VOLUME

(71) CUBE LOGIC SYSTEMS PROPRI-
ETARY LIMITED [AU/AU]; 13 Ross
Street, Glebe, New South Wales 2037 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HORHANN, Jurgen, Albert [DE/AU];
13 Ross Street, Glebe, New South Wales
2037 (AU). MCNAMEE, David, Mason
[AU/AU]; 5 Botanic Road, Balmoral, New
South Wales 2088 (AU).

(74) PHILLIPS ORMONDE & FITZ-
PATRICK; 367 Collins Street, Melbourne,
Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01B 11/04, G01N 21/956

(11) WO 03/087713 (13) A1

(21) PCT/SE03/00461

(22) 19 Mar/mar 2003 (19.03.2003)

(25) sv (26) en

(30) 0201044-5 5 Apr/avr 2002 SE
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARRANGEMENT IN A MEASURING
SYSTEM

• DISPOSITIF ET SYSTEME DE ME-
SURE DES CARACTERISTIQUES
D'UN OBJET

(71) IVP INTEGRATED VISION PRODUCTS
AB [SE/SE]; Wallenbergs gata 4, S-583 35
Linköping (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOHANNESSON, Mattias [SE/SE];
Landeryd Sörholmen 2, S-585 93 Linköping
(SE). MURHED, Anders [SE/SE]; Konval-
jegatan 10, S-582 46 Linköping (SE).

(74) STRÖM & GULLIKSSON IP AB; Wallen-
bergs gata 4, S-583 35 Linköping (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01B 11/10

(11) WO 03/087714 (13) A1

(21) PCT/GB03/01495

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/117,312 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN APPARATUS AND METHOD FOR
INSPECTING A TUBULAR

• PROCEDE ET DISPOSITIF POUR
CONTROLLER DU MATERIEL TU-
BULAIRE

(71) VARCO I/P, INC. [US/US]; One BriarLake
Plaza, 2000 West Sam Houston Parkway
South, Suite 700, Houston, TX 77042 (US).
LUCAS, Brian, Ronald [GB/GB]; Lucas &
Co., 135 Westhall Road, Warlingham, Surrey
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les États désignés sauf US)

(72, 75) LAM, Clive, Chemo [US/US]; 15922
Oak Island Drive, Tomball, TX 77375 (US).
WORMS, Manfred, Hermann [DE/DE];
Maisfeld 15, 29336 Neinhagen (DE). KNA-
P-WOST, Helmut, Wolfgang [DE/DE]; Bur-
winkel 25, 29336 Nienhagen (DE). DOB-
BERSTEIN, Bernd, Helmut [DE/DE];
Weferlingser Weg 35, 31303 Burgdorf (DE).

(74) LUCAS, Brian, Ronald; Lucas & Co., 135
Westhall Road, Warlingham, Surrey CR6 9HJ
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01B 11/24, A43D 1/06

(11) WO 03/087715 (13) A1

(21) PCT/EP03/03636

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 102 16 475.4 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR OPTICALLY DETECT-
ING THE SPATIAL FORM OF INSIDE
SPACES AND A DEVICE FOR CARRY-
ING OUT SAID METHOD

• PROCEDE DE SAISIE OPTIQUE DE LA
FORME SPATIALE D'ESPACES INTER-
IEURS ET DISPOSITIF POUR REALI-
SER CE PROCEDE

(71, 72) MASSEN, Robert [DE/DE]; Am Reb-
berg 29, 78337 Öhningen-Wangen (DE).

(74) DEGWERT, Hartmut; Prinz & Partner
GbR, Manzingerweg 7, 81241 München
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(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ G01B 11/24, G06K 9/00, 9/30, 9/36

(11) WO 03/087716 (13) A1

(21) PCT/US03/10405

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,895 4 Apr/avr 2002 US
(04.04.2002)

(30) 60/387,938 12 Jun/juin 2002 US
(12.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPACT OPTICAL CONTOUR DIGI-
TIZER

• NUMERISEUR DE CONTOURS, OP-
TIQUE, COMPACT

(71) AMFIT, INC. [US/US]; 2850 Bowers Av-
enue, Santa Clara, CA 95051 (US).

(72) SUNDMAN, Arjen; 205 Molina Drive, Dant
Cruz, CA 95060 (US). DAVIS, Jeff; 850 First
Avenue, Half Moon Bay, CA 95019 (US).

(74) GREELEY, Paul, D.; Ohlandt, Gree-
ley, Ruggiero & Perle, L.L.P., 1 Land-
mark Square, 10th Floor, Stamford, CT
06901-2682 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01B 11/25, A61B 5/107**
- (11) **WO 03/087717** (13) A1
- (21) PCT/NL03/00222
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 1020394 **15 Apr/avr 2002 NL (15.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPLIANCE FOR DIGITISING OF CURVED AND PLANE SURFACES
- APPAREIL POUR NUMERISER DES SURFACES INCURVEES ET PLANES
- (71) **CARE-4-FEET INTERNATIONAL B.V.** [NL/NL]; Egelantier 10, NL-5708 DX Helmond (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAAS, Theodorus** [NL/NL]; Zwanbeemd 4, NL-5707 PX Helmond (NL).
- JACOBS, Thomas, Gerardus, Maria** [NL/NL]; Het Ven 6, NL-6997 AX Hoog Keppel (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 3/08, G01S 7/51**
- (11) **WO 03/087718** (13) A1
- (21) PCT/DE03/01080
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) de (26) de
- (30) 102 16 207.7 **12 Apr/avr 2002 DE (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DISTANCE MEASURING DEVICE
- APPAREIL DE MESURE DE LA DISTANCE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SKULTETY-BETZ, Uwe** [DE/DE]; Geranienstrasse 21, 70771 Leinfelden-Echterdingen (DE). **CLAUDIUS, Tobias** [DE/DE]; Hauptmannsreute 81, 70193 Stuttgart (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
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- (51)⁷ **G01C 9/06, H01L 29/84**
- (11) **WO 03/087719** (13) A1
- (21) PCT/JP03/04235
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) ja (26) ja
- (30) 2002-99855 **2 Apr/avr 2002 JP (02.04.2002)**
- (30) 2002-214258 **23 Jul/juil 2002 JP (23.07.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INCLINATION SENSOR, METHOD OF MANUFACTURING INCLINATION SENSOR, AND METHOD OF MEASURING INCLINATION
- CAPTEUR D'INCLINAISON, PROCEDE DE FABRICATION DE CE CAPTEUR D'INCLINAISON ET PROCEDE PERMETTANT DE MESURER L'INCLINAISON
- (71) **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIKIDA, Koichi** [JP/JP]; 2512-5-512, Isshiki, Hayama-machi, Miura-gun, Kanagawa 240-0111 (JP). **YAMASHITA, Masaya** [JP/JP]; 1-7-10, Naruse, Machida-shi, Tokyo 194-0044 (JP). **KANAYAMA, Yu-ichi** [JP/JP]; 199-15, Nakamaru, Fuji-shi, Shizuoka 416-0933 (JP). **FUKUMOTO, Hirofumi** [JP/JP]; 108-203, Kawanarishin-machi, Fuji-shi, Shizuoka 416-0955 (JP).
- (74) **MORI, Tetsuya et al.** / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 15/00, E02F 9/24, G01S 5/14**
- (11) **WO 03/087720** (13) A1
- (21) PCT/CA02/00905
- (22) **17 Jun/juin 2002 (17.06.2002)**
- (25) en (26) en
- (30) 2,381,674 **12 Apr/avr 2002 CA (12.04.2002)**
- (30) 10/160,941 **31 May/mai 2002 US (31.05.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS FOR DETERMINING POSITIONING RELATIVE TO UTILITY LINES
- APPAREIL DE DETERMINATION DU POSITIONNEMENT PAR RAPPORT A DES LIGNES DE SERVICES
- (71) **GUARDIAN ANGEL PROTECTION INC.** [CA/CA]; 9636 - 87 Avenue, Grande Prairie, Alberta T8V 3B3 (CA).
- (72) **TUCKER, Layne, David**; 9636 - 87 Avenue, Grande Prairie, Alberta T8V 3B3 (CA).
- (74) **THOMPSON, Douglas, B.**; c/o Thompson Lambert LLP, 10328 - 81 Avenue, Suite #200, Edmonton, Alberta T6E 1X2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
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- (51)⁷ **G01C 19/56**
- (11) **WO 03/087721** (13) A2
- (21) PCT/FR03/01149
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) fr (26) fr
- (30) 02/04795 **17 Apr/avr 2002 FR (17.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCTION OF A MECHANICAL RESONATOR WITH A PLANAR MONOLITHIC VIBRATING STRUCTURE MACHINED IN A CRYSTALLINE MATERIAL AND RESONATOR PRODUCED THUS
- PROCEDE POUR CONSTITUER UN RESONATEUR MECANIQUE A STRUCTURE VIBRANTE MONOLITHIQUE PLANE USINEE DANS UN MATERIAU CRISTALLIN, ET RESONATEUR AINSI CONSTITUE
- (71) **SAGEM S.A.** [FR/FR]; Le Ponant de Paris, 27, rue Leblanc, F-75015 Paris (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEITIA, José** [FR/FR]; 25 ter, rue Victor Hugo, F-95390 Saint Prix (FR).
- (74) **GORREE, Jean-Michel et al.** / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) / pour US only / seulement

(51)⁷ G01C 21/00, H04L 29/08

(11) WO 03/087722 (13) A1

(21) PCT/DE03/00089

(22) 15 Jan/jan 2003 (15.01.2003)

(25) de (26) de

(30) 102 15 848.7 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR EXCHANGING USER-SPECIFIC AND/OR DEVICE-SPECIFIC DATA BETWEEN USER-SIDE DEVICES AND A SERVICE PROVIDER

• PROCEDE POUR ECHANGER DES DONNEES SPECIFIQUES D'UN UTILISATEUR ET/OU D'UN APPAREIL ENTRE DES EQUIPEMENTS COTE UTILISATEUR ET UN FOURNISSEUR DE SERVICE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) FRIEDRICH, Arne; Besselstr. 7, 38114 Braunschweig (DE). DRAEGER, Gerd; Kasernenstr. 5, 38102 Braunschweig (DE). GOSS, Stefan; Fichtestrasse 11, 31137 Hildesheim (DE).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G01C 21/00, G08G 1/0969

(11) WO 03/087723 (13) A1

(21) PCT/JP03/04023

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-091650 28 Mar/mar 2002 JP (28.03.2002)

(30) 2002-092210 28 Mar/mar 2002 JP (28.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RELATIVE POSITION INFORMATION CORRECTION DEVICE, RELATIVE POSITION INFORMATION CORRECTION METHOD, RELATIVE POSITION INFORMATION CORRECTION PROGRAM, SHAPE VECTOR GENERATION DEVICE, SHAPE VECTOR GENERATION METHOD, AND SHAPE VECTOR GENERATION PROGRAM

• DISPOSITIF DE CORRECTION D'INFORMATION DE POSITION RELATIVE, PROCEDE DE CORRECTION D'INFORMATION DE POSITION RELATIVE, PROGRAMME DE CORRECTION D'INFORMATION DE POSITION RELATIVE, DISPOSITIF DE GENERATION DE VECTEURS DE FORME,

PROCEDE DE GENERATION DE VECTEURS DE FORME, ET PROGRAMME DE GENERATION DE VECTEURS DE FORME

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADACHI, Shinya [JP/JP]; 5-21-12, Nara, Aoba-ku, Yokohama-shi, Kanagawa 227-0038 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/26, 1/00

(11) WO 03/087724 (13) A1

(21) PCT/GB03/01519

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0208217.0 10 Apr/avr 2002 GB (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVEMENTS RELATING TO CAMERAS
• AMELIORATIONS APPORTEES AUX CAMERAS

(71) TRW LIMITED [GB/GB]; Stratford Road, Solihull, West Midlands B90 4AX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OYAIDE, Andrew, Oghenovo [GB/GB]; 28 Farmer Road, Haymills, Birmingham B10 9JB (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/26

(11) WO 03/087725 (13) A2

(21) PCT/IB03/01357

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0208835.9 18 Apr/avr 2002 GB (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF LABELLING AN IMAGE ON A DISPLAY

• PROCEDE PERMETTANT D'ANNOTER UNE IMAGE SUR UN ECRAN D'AFFICHAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINGHORN, John, R. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WHITE, Andrew; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/36

(11) WO 03/087726 (13) A1

(21) PCT/EP03/04102

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) 102 17 300.1 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOCAL INFORMATION REPRODUCTION ON MATCHING OF A GEOGRAPHICAL SELECTION PARAMETER

• RESTITUTION D'INFORMATIONS EN FONCTION DU LIEU AVEC ADAPTATION D'UN PARAMETRE DE SELECTION GEOGRAPHIQUE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 34, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LLOMBART-JUAN, Nuria [ES/ES]; Bon Aire 12, 46120 Alboraya (ES). GERHÄUSER, Heinz [DE/DE]; Saugendorf 17, 91344 Waischenfeld (DE). KORTE, Olaf [DE/DE]; Etaswind 19, 91338 Igensdorf (DE). PLANKENBÜHLER, Roland

[DE/DE]; Grazer Strasse 7, 90475 Nürnberg (DE). **ZINK, Alexander** [DE/DE]; Tränkseeweg 8, 96135 Stegaurach (DE).

(74) **ZIMMERMANN, Tankred** et al. / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, Postfach 246, 82043 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01C 23/00, G01S 7/24**

(11) **WO 03/087727** (13) A1

(21) PCT/US03/11208

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/122,046 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **TERRAIN AUGMENTED 3D FLIGHT PATH DISPLAY FOR FLIGHT MANAGEMENT SYSTEMS**
• SYSTEME DE VISUALISATION EN VOL DE TRAJET SOL TRIDIMENSIONNEL AMELIORE POUR SYSTEMES DE GESTION DE VOL

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **HE, Gang**; 1 Pletcher Place, Morristown, NJ 07960 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01D 5/245**

(11) **WO 03/087728** (13) A1

(21) PCT/JP03/04779

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) ja (26) ja

(30) 2002-111800 **15 Apr/avr 2002** JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ROTATIONAL ANGLE SENSOR AND ROTARY ELECTRIC MACHINE COMPRISING IT**

• CAPTEUR D'ANGLE DE ROTATION ET MACHINE ELECTRIQUE ROTATIVE COMPORTANT CE CAPTEUR

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKANO, Masatsugu** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NISHIMURA, Shinji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01D 5/34**

(11) **WO 03/087729** (13) A2

(21) PCT/GB03/01524

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 0208048.9 **8 Apr/avr 2002** GB
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **OPTICAL CONTROLS**
• COMMANDES OPTIQUES

(71) **CLIFF PLASTIC PRODUCTS LTD** [GB/GB]; Evershed Court, Fairlight Avenue, Telscombe Cliffs, East Sussex BN10 7BU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHAAKE, Henk** [NL/NL]; Hoozolder 258, NL-9250 CE Drachten (NL).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01D 7/12, 21/00**

(11) **WO 03/087730** (13) A1

(21) PCT/DE03/01066

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) de

(26) de

(30) 102 15 745.6 **10 Apr/avr 2002** DE
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **SYSTEM AND METHOD FOR GENERATING SIGNALS**

• SYSTEME ET PROCEDE DE PRODUCTION DE SIGNAUX

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IHLE, Marc** [DE/DE]; Mühlstrasse 11, 89077 Ulm (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G01D 21/00**

(11) **WO 03/087731** (13) A1

(21) PCT/US03/10705

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/120,744 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **SEMICONDUCTOR LOAD PORT ALIGNMENT DEVICE**

• DISPOSITIF D'ALIGNEMENT DE PORT DE CHARGEMENT POUR SEMI-CONDUCTEURS

(71) **BROOKS AUTOMATION, INC.** [US/US]; 15 Elizabeth Drive, Chelmsford, MA 01824 (US).

(72) **BECKHART, Gordon, Haggott**; 2702 Andromeda Drive, Colorado Springs, CO 80906 (US). **CONARRO, Patrick, Rooney**; 10865 Myrtle Street, Green Mountain Falls, CO 80819 (US). **HARRELL, Kevin, James**; 2780 Wood Valley Court, Woodland Park, CO 80863 (US). **FARIVAR-SADRI, Kamran, Michael**; 806 Cresta Road, Colorado Springs, CO 80906 (US).

(74) **GREEN, Clarence, A.** et al. / etc.; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06824 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01F

(11) WO 03/087732 (13) A2

(21) PCT/DE03/01250

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 17 163.7 17 Apr/avr 2002 DE (17.04.2002)

(30) 102 38 539.4 22 Aug/août 2002 DE (22.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MEASURING THE FLOW RATE IN CHANNEL SHAFTS
• PROCEDE DE MESURE DE DEBIT DANS DES REGARDS D'EGOUT

(71, 72) KOMPOSCH, Markus [DE/DE]; Hintere Str. 6, 89426 Mödingen (DE).

(74) GALLO, Wolfgang; Ludwigstrasse 26, 86152 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01F

(11) WO 03/087733 (13) A2

(21) PCT/US03/10345

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,444 5 Apr/avr 2002 US (05.04.2002)

(30) 10/351,569 24 Jan/jan 2003 US (24.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERNAL RISER INSPECTION DEVICE

• DISPOSITIF D'INSPECTION DE L'INTERIEUR D'UNE COLONNE MON-TANTE

(71) ABB VETCO GRAY INC. [US/US]; 3010 Briarpark, Houston, TX 77042 (US).

(72) HARTHORN, Larry, K.; 200 Stonewall Avenue, Carencro, LA 70520 (US). DIO-QUINO, Pedro, A.; 4818 Westerham Street, Fulshear, TX 77441 (US). MILLIGAN, Richard, J., Jr.; 3018 Springfield Drive, Houma, LA 70360 (US). GOOD, Jason,

C.; 505 Louisa, Morgan City, LA 70380 (US). ALLEN, Neil, D.; 604 Isle of Cuba, Schreiver, LA 70395 (US). ROMERO, Richard, D.; 140 Gordon Crockett Dr., Lafayette, LA 70508 (US).

(74) BRADLEY, James, E. et al. / etc.; Bracewell & Patterson, L.L.P., P.O. Box 61389, Houston, TX 77208-1389 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) G01F 1/42

(11) WO 03/087734 (13) A1

(21) PCT/US03/05464

(22) 21 Feb/fév 2003 (21.02.2003)

(25) en (26) en

(30) 10/119,283 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AVERAGING ORIFICE PRIMARY FLOW ELEMENT
• ELEMENT D'ECOULEMENT PRINCIPAL A ORIFICE MOYENNEUR

(71) DIETERICH STANDARD, INC. [US/US]; P.O. Box 9000, 5601 N. 71st Street, Boulder, CO 80301 (US).

(72) ORLESKIE, Charles, Theodore; 2905 Sundown Dr., Berthoud, CO 80513 (US). BEACHEY, Terry, Xen; 2214 Spinnaker Circle, Longmont, CO 80503 (US).

(74) HANES, Richard, W.; Hanes & Schutz, P.C., Suite 243, 7222 Commerce Center Drive, Colorado Springs, CO 80919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01F 1/74, 1/708, 1/712, 1/66, G01H 5/00

(11) WO 03/087735 (13) A1

(21) PCT/US03/11377

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,606 10 Apr/avr 2002 US (10.04.2002)

(30) 60/375,847 24 Apr/avr 2002 US (24.04.2002)

(30) 60/427,964 20 Nov/nov 2002 US (20.11.2002)

(30) 10/349,716 23 Jan/jan 2003 US (23.01.2003)

(30) 10/376,427 26 Feb/fév 2003 US (26.02.2003)

(30) 60/451,375 28 Feb/fév 2003 US (28.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROBE FOR MEASURING PARAMETERS OF A FLOWING FLUID AND/OR MULTIPHASE MIXTURE

• SONDE DE MESURE DE PARAMETRES D'UN FLUIDE EN ECOULEMENT ET/OU D'UN MELANGE MULTIPHASE

(71) CIDRA CORPORATION [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(72) GYSLING, Daniel, L.; 763 Chesnut Hill Road, Glastonbury, CT 06033 (US). LOOSE, Douglas, H.; 68 Brandywine Place, Southington, CT 06489 (US). ENGEL, Thomas, W.; 14 Lakeview Street, East Hampton, CT 06424 (US). CROTEAU, Paul, F.; 33 Dilaj Drive, Columbia, CT 06237 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01G 19/32, 23/10

(11) WO 03/087736 (13) A1

(21) PCT/DK03/00224

(22) 7 Apr/avr 2003 (07.04.2003)

(25) da (26) en

(30) PA 2002 00505 7 Apr/avr 2002 DK (07.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A WEIGHING MACHINE
• MACHINE DE PESAGE

(71) BILWINCO A/S [DK/DK]; Sverigesvej 9, DK-8660 Skanderborg (DK).
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(72, 75) BRIX, Flemming [DK/DK]; Tvævej 3, DK-8680 Ry (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /

modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01H 11/08, A61B 7/04

(11) WO 03/087737 (13) A1

(21) PCT/NO03/00111

(22) 7 Apr/avr 2003 (07.04.2003)

(25) no (26) en

(30) 20021666 8 Apr/avr 2002 NO (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PIEZOELECTRIC VIBRATION SENSOR

• CAPTEUR DE VIBRATION PIEZO-ELECTRIQUE

(71) MEDITRON ASA [NO/NO]; Leangbukta 40, N-1370 Asker (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ORTEN, Birger [NO/NO]; Ramsvika 31, N-6012 Ålesund (NO).

(74) BRYN AARFLOT AS; P.O. BOX 449 Sentrum, N-0104 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J

(11) WO 03/087738 (13) A2

(21) PCT/US03/10414

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,530 5 Apr/avr 2002 US (05.04.2002)

(30) 60/418,572 15 Oct/oct 2002 US (15.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHT DETECTOR

• DETECTEUR DE LUMIERE

(71) POWERZYME, INC. [US/US]; 11 Deer Park Drive, Suite 202, Monmouth Junction, NJ 08852 (US).

(72) SUN, Hoi-Cheong, Steve; 1504 Blossom Circle, Dayton, NJ 08810 (US). RITTS, Rosalyn; 53 Hun Road, Princeton, NJ 08540 (US).

(74) FONSECA, Perry, M. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 1/02, H01J 40/04

(11) WO 03/087739 (13) A1

(21) PCT/JP03/04638

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-115040 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHOTSENSOR

• CAPTEUR OPTIQUE

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
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(72, 75) KITAHARA, Tadashi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). NOMOTO, Yoshiro [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). ICHIKAWA, Norio [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 3/42

(11) WO 03/087740 (13) A1

(21) PCT/US03/10441

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/369,823 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING THE HOMOGENEITY OF A GRANULATION DURING TABLETING

• PROCEDE ET DISPOSITIF DE DETERMINATION DE L'HOMOGENEITE DE GRANULATION PENDANT LA FABRICATION DE COMPRIMES

(71) EURO-CELTIQUE, S.A. [LU/LU]; 122 Boulevard de la Petrusse, L-2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEHRLEIN, Lane [US/US]; 207 Glenwood Road, Pine Island, NY 10969 (US). CIURCZAK, Emil [US/US]; 77 Park Road, Goldens Bridge, NY 10526 (US). RITCHIE, Gary [US/US]; Apartment #10, 16 Elizabeth Street, Kent, CT 06757 (US). BYNUM, Kevin, C. [US/US]; 470 North Broadway, Apt. #A22, Goldens Bridge, NY 10526 (US).

(74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th floor, New York, NY 10018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01J 4/00, 3/28, 3/447

(11) WO 03/087741 (13) A1

(21) PCT/US03/11133

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,534 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL SIGNAL-TO-NOISE MONITOR HAVING INCREASED COHERENCE

- DISPOSITIF DE CONTROLE DU RAP-
PORT SIGNAL-BRUIT OPTIQUE PRE-
SENTANT UNE COHERENCE AC-
CRUE

(71) TERAPULSE, INC. [US/US]; 42 Nagog
Park, Acton, MA 01720 (US).

(72) WEIN, Steven, J.; 33 Mossman Road, Sud-
bury, MA 01776 (US). TARGOVE, James,
D.; 435 Hudson Road, Sudbury, MA 01776
(US).

(74) BLASI, Robert, S.; Testa, Hurwitz &
Thibeault, LLP, High Street Tower, 125 High
Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G01J 9/00, G02B 6/42

(11) WO 03/087742 (13) A1

(21) PCT/GB03/01396

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 0207825.1 4 Apr/avr 2002 GB
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WAVELENGTH MEASUREMENT

- MESURE DE LONGUEURS D'ONDES

(71) BOOKHAM TECHNOLOGY PLC
[GB/GB]; 90 Milton Park, Abingdon, Oxon
OX14 4RY (GB).

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les États désignés sauf US)

(72, 75) TSANG, Hon, Ki [GB/CN]; Flat A, 11th
Floor, Tower 11, Vista Paradiso, 2 Hang Ming
Street, Ma On Shan, New Territories, Hong
Kong (CN).

(74) EVANS, Marc, Nigel et al. / etc.; Page White
& Farrer, 54 Doughty Street, London WC1N
2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G01K

(11) WO 03/087743 (13) A2

(21) PCT/US03/11143

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,236 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A TEMPERATURE CONTROLLED
HEATING DEVICE AND METHOD TO
HEAT A SELECTED AREA OF A BIO-
LOGICAL BODY

- DISPOSITIF DE CHAUFFAGE A TEM-
PERATURE CONTROLLEE ET PRO-
CEDE DE CHAUFFAGE D'UNE ZONE
SELECTIONNEE D'UN ORGANISME
BIOLOGIQUE

(71) RELIANT TECHNOLOGIES, INC.
[US/US]; 205 South Helix, Suite 72, Solana
Beach, CA 92075 (US).

(72) BLACK, Michael; 560 Trinidad Lane, Fos-
ter City, CA 94404 (US).

(74) LIU, Cliff, Z. et al. / etc.; Cooley Godward
LLP, 3000 El Camino Real, Five Palo Alto
Square, Palo Alto, CA 94306-2155 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01K 11/12, G01J 5/08, H01L 21/324

(11) WO 03/087744 (13) A1

(21) PCT/JP03/04792

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112733 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR MEA-
SURING TEMPERATURE OF BASE
MATERIAL

- PROCEDE ET DISPOSITIF DE ME-
SURE DE TEMPERATURE DE MATE-
RIAU DE BASE

(71) TOKYO ELECTRON LIMITED [JP/JP];
3-6, Akasaka 5-chome, Minato-ku, Tokyo
107-8481 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) ITO, Masafumi [JP/JP]; 2-096, 5-17,
Rinku-port Kita, Tajiri-cho, Sennan-gun,
Osaka 598-0093 (JP).

(72, 75) OKAMURA, Yasuyuki [JP/JP];
4-2-A103, Akashiadai, Santa-shi, Hyogo
669-1323 (JP). SHINA, Tatsuo [JP/JP];
303, 155-2, Kusuminaka, Wakayama-shi,

Wakayama 640-8463 (JP). ISHII, Nobuo
[JP/JP]; C/O TOKYO ELECTRON LIM-
ITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo
660-0891 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37
Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01L

(11) WO 03/087745 (13) A2

(21) PCT/DE03/01175

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 929.7 11 Apr/avr 2002 DE
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROLLER BEARINGS EQUIPPED WITH
SENSORS

- PALIER A ROULEMENT MUNI DE
CAPTEURS

(71) FAG KUGELFISCHER AG & CO. KG
[DE/DE]; Georg-Schäfer-Strasse 30, 97421
Schweinfurt (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HEIM, Jens [DE/DE]; Fennstrasse 31,
97424 Schweinfurt (DE).

(74) FAG KUGELFISCHER AG & CO. KG;
IBT/Schutzrechte, Postfach 1260, 97419
Schweinfurt (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01L

(11) WO 03/087746 (13) A2

(21) PCT/US03/10935

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,095 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND SYSTEMS FOR MOD-
ELING MATERIAL BEHAVIOR

- PROCEDES ET SYSTEMES DE MO-
DELISATION DU COMPORTEMENT
D'UNE MATIERE

(71) THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS [US/US];

- 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).
- (72) GHABOUSSI, Jamshid; 107 W. George Huff Dr., Urbana, IL 61801 (US). HASHASH, Youssef, M., A.; 1803 Golfview Drive, Urbana, IL 61801 (US). PECKNOLD, David; 301 Pond Ridge Lane, Urbana, IL 61802 (US).
- (74) FALLON, Steven, P. et al. / etc.; Greer, Burns & Crain, Ltd., 300 S. Wacker Drive, Suite 2500, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01L 1/18, H01L 29/84
- (11) WO 03/087747 (13) A1
- (21) PCT/JP03/04714
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) ja (26) ja
- (30) 2002-111396 12 Apr/avr 2002 JP (12.04.2002)
- (30) 2002-305186 18 Oct/oct 2002 JP (18.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SEMICONDUCTOR FORCE SENSOR
• CAPTEUR DE FORCE A SEMI-CONDUCTEUR
- (71) HOKURIKU ELECTRIC INDUSTRY CO., LTD. [JP/JP]; 3158, Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-2292 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIROSE, Shigeru [JP/JP]; c/o HOKURIKU ELECTRIC INDUSTRY CO., LTD., 3158, Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-2292 (JP). SAWAMURA, Hiroyuki [JP/JP]; c/o HOKURIKU ELECTRIC INDUSTRY CO., LTD., 3158, Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-2292 (JP). ANDO, Masato [JP/JP]; c/o HOKURIKU ELECTRIC INDUSTRY CO., LTD., 3158, Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-2292 (JP). MOTOKI, Yoshimitsu [JP/JP]; c/o HOKURIKU ELECTRIC INDUSTRY CO., LTD., 3158, Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-2292 (JP).
- (74) NISHIURA, Tsuguharu; NISHIURA & ASSOCIATES, Toranomon 19 MT Building 6F, 2-20, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
- MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01L 1/22, 1/18, 5/16
- (11) WO 03/087748 (13) A1
- (21) PCT/EP03/03773
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) de (26) de
- (30) 102 17 283.8 12 Apr/avr 2002 DE (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICE FOR ADJUSTING AND VERIFYING THE TENSION FORCE OF SCREWED CONNECTIONS
• DISPOSITIF POUR REGULER ET VERIFIER LA FORCE DE TENSION DE LIAISONS VISSEES
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LÜTHJE, Holger [DE/DE]; Buchenweg, 15, 25469 Halstenbek (DE). SICK, Jan-Hinrich [DE/DE]; Essener Strasse 61, 38108 Braunschweig (DE).
- (74) PFENNING MEINIG & PARTNER GBR; Joachimstaler Strasse 10-12, 10719 Berlin (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G01L 1/22, G01G 3/147, G01R 1/30
- (11) WO 03/087749 (13) A2
- (21) PCT/EP03/03781
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) de (26) de
- (30) 102 16 344.8 13 Apr/avr 2002 DE (13.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEASURING AMPLIFIER DEVICE
• AMPLIFICATEUR DE MESURE
- (71) HOTTINGER BALDWIN MESSTECHNIK GMBH [DE/DE]; Im Tiefen See 45, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALTWEIN, Michael [DE/DE]; Schubertweg 13, 64287 Darmstadt (DE). KREUZER, Manfred [DE/DE]; Georg-Büchner-Strasse 6b, 64331 Weiterstadt (DE).
- (74) BEHRENS, Helmut; Gross-Gerauer Weg 55, 64295 Darmstadt (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G01L 5/16, G06F 3/033, F16B 11/00
- (11) WO 03/087750 (13) A1
- (21) PCT/JP03/03569
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-112230 15 Apr/avr 2002 JP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STRESS SENSOR
• CAPTEUR DE CONTRAINTE
- (71) K-TECH DEVICES CORP. [JP/JP]; 14016-30, Ooaza Nakaminowa, Minowacho, Kamiinagun, Nagano 399-4601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) INUKAI, Atsuo [JP/JP]; c/o K-Tech Devices Corp., 14016-30, Ooaza Nakaminowa, Minowacho, Kamiinagun, Nagano 399-4601 (JP). KARASAWA, Fumiaki [JP/JP]; c/o K-Tech Devices Corp., 14016-30, Ooaza Nakaminowa, Minowacho, Kamiinagun, Nagano 399-4601 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01L 5/24, F16B 31/02
- (11) WO 03/087751 (13) A1
- (21) PCT/EP03/03750
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) de (26) de
- (30) 102 17 284.6 12 Apr/avr 2002 DE (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONTROL DEVICE FOR NON-POSITIVE CONNECTIONS
• DISPOSITIF POUR LE CONTROLE DE RACCORDS PAR LIAISON DE FORCE
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LÜTHJE, Holger [DE/DE]; Buchenweg 15, 25469 Halstenbek (DE). BIEHL, Saskia [DE/DE]; Wendezeller Ring 15, 38176 Wendeburg (DE). BANDORF, Ralf [DE/DE];

Saarbrückener Strasse, 38116 Braunschweig (DE). **SICK, Jan-Heinrich** [DE/DE]; Es-sener Str. 61, 38108 Braunschweig (DE).

(74) **PFENNING MEINIG & PARTNER GBR**; Joachimstaler Strasse 10-12, 10719 Berlin (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01L 7/08

(11) WO 03/087752 (13) A1

(21) PCT/EP03/03630

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 02008386.1 12 Apr/avr 2002 EP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESSURE SENSOR

• CAPTEUR DE PRESSION

(71) **GRUNDFOS A/S** [DK/DK]; Poul Due Jensens Vej 7-11, DK-8850 Bjerringbro (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKKELSEN, Steen** [DK/DK]; Stendalen 73, DK-8850 Bjerringbro (DK). **ANDERSEN, Per** [DK/DK]; Bjerring Hede 51, DK-8850 Bjerringbro (DK). **KROG, Jens, Peter** [DK/DK]; Hollerupvej 2, Torup, DK-8860 Ulstrup (DK).

(74) **WILCKEN, Thomas et al.** / etc.; Bei der Lohmühle 23, 23554 Lübeck (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 23/10

(11) WO 03/087753 (13) A2

(21) PCT/FR03/01208

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04897 18 Apr/avr 2002 FR (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR PRESSURE MEASUREMENT, PARTICULARLY IN A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF DE MESURE DE PRESSION, NOTAMMENT DANS UNE

CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

(71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue de Bois Préau, F-92852 Rueil-Malmaison Cedex (FR). **PEUGEOT CITROEN AUTOMOBILES S.A.** [FR/FR]; 65-71, boulevard du Château, F-92200 Neuilly-sur-Seine (FR). **RENAULT S.A.S.** [FR/FR]; 13/15, quai Le Gallo, F-92100 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAZOYER, Thierry** [FR/FR]; 5, chemin du Val de Saône, F-01600 Massieux (FR). **FAYET, Patrick** [FR/FR]; 26, avenue du 8 Mai 1945, F-69160 Tassin La Demi Lune (FR). **DUMAS, Jean-Pierre** [FR/FR]; 37, rue de la Croix Mallard, F-78500 Sartrouville (FR). **CASTAGNE, Michel** [FR/FR]; 1, rue des Venets, F-92000 Nanterre (FR).

(74) **INSTITUT FRANCAIS DU PETROLE**; 1 et 4, avenue de Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M 3/26

(11) WO 03/087754 (13) A1

(21) PCT/NO03/00116

(22) 10 Apr/avr 2003 (10.04.2003)

(25) no (26) en

(30) 20021726 12 Apr/avr 2002 NO (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR DETECTING LEAKS IN RECIPROCATING MACHINERY

• PROCEDE ET DISPOSITIF DESTINES A DETECTER DES FUITES DANS UNE MACHINE ALTERNATIVE

(71) **NATIONAL OILWELL NORWAY AS** [NO/NO]; Lagerv. 8, N-4033 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KYLLINGSTAD, Åge** [NO/NO]; Barkv. 14, N-4330 Ålgård (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M 11/00, G02C 13/00, G06F 17/60

(11) WO 03/087755 (13) A1

(21) PCT/IP03/04565

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111214 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTACT LENS USER SUPPORT SYSTEM AND SUPPORT METHOD

• SYSTEME ET PROCEDE D'ASSISTANCE DESTINE A DES LENTILLES DE CONTACT

(71) **MENICON CO., LTD.** [JP/JP]; 3-21-19, Aoi, Naka-ku, Nagoya-shi, Aichi 460-0006 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKA, Hidenari** [JP/JP]; c/o MENICON CO., LTD., 3-21-19, Aoi, Naka-ku, Nagoya-shi, Aichi 460-0006 (JP). **NAKATA, Kazuhiko** [JP/JP]; c/o MENICON CO., LTD., CENTRAL RES. LAB., 5-1-10, Takamori-dai, Kasugai-shi, Aichi 487-0032 (JP). **SUZUKI, Hiroaki** [JP/JP]; c/o MENICON CO., LTD., CENTRAL RES. LAB., 5-1-10, Takamori-dai, Kasugai-shi, Aichi 487-0032 (JP). **OHNO, Sadanori** [JP/JP]; c/o MENICON CO., LTD., CENTRAL RES. LAB., 5-1-10, Takamori-dai, Kasugai-shi, Aichi 487-0032 (JP). **KAWAI, Tetsuji** [JP/JP]; c/o MENICON CO., LTD., CENTRAL RES. LAB., 5-1-10, Takamori-dai, Kasugai-shi, Aichi 487-0032 (JP).

(74) **KASAI, Yoshitaka**; KASAI PATENT OFFICE, Sanyoku-Bldg., 345-5, Kohmei-cho, Tsu-shi, Mie 514-0006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087756 (13) A2

(21) PCT/IB03/01407

(22) 15 Apr/avr 2003 (15.04.2003)

- (25) en (26) en
- (30) 2002/3002 16 Apr/avr 2002 ZA (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHEMICAL ANALYSIS OF SAMPLES
• ANALYSE CHIMIQUE D'ÉCHAN-TILLONS
- (71) UNIVERSITY OF PRETORIA [ZA/ZA]; Lynnwood Road, 0002 Pretoria (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROHWER, Egmont, Richard [ZA/ZA]; 101 Lynnro Avenue, Lynnro-dene, 0081 Pretoria (ZA). VENTER, André [ZA/ZA]; 5 Murray Street, 6740 Swellendam (ZA).
- (74) KOTZE, Gavin, Salomon; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, P.O. Box 1014, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/087758 (13) A2
- (21) PCT/US03/10131
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 10/121,799 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PEPTIDES FOR DETECTION OF ANTI-BODY TO A. PHAGOCYTOPHILA
• PEPTIDES DE DETECTION D'ANTICORPS D'<I>A. PHAGOCYTO-PHILA</I>
- (71) IDEXX LABORATORIES, INC. [US/US]; One Idexx Drive, Westbrook, ME 04092 (US).
- (72) O'CONNOR, Thomas, Patrick; 10 Enchanted Lane, Westbrook, ME 04092 (US). CHANDRASHEKAR, Ramaswamy; 56 Foxcroft Drive, Scarborough, ME 04074 (US).
- (74) GATTARI, Patrick, G.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/087757 (13) A2
- (21) PCT/US02/28332
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 60/370,410 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PARTICLE-BOUND HUMAN IMMUNODEFICIENCY VIRUS ENVELOPE CLYCOPROTEINS AND RELATED COMPOSITIONS AND METHODS
• GLYCOPROTEINES DE L'ENVELOPPE DU VIRUS D'IMMUNODEFICIENCE HUMAINE LIEES A DES PARTICULES, COMPOSITIONS ET PROCÉDES ASSOCIÉS
- (63) US 60/370,410 (CIP) 5 Apr/avr 2002 (05.04.2002)
- (71) PROGENICS PHARMACEUTICALS, INC. [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OLSON, William, C. [US/US]; 21 Fawn Court, Ossining, NY 10562 (US). SCHULKE, Norbert [DE/US]; 101 Ridge Road, New City, NY 10956 (US). GARDNER, Jason [GB/US]; 24 Bramble Brook Road, Ardsley, NY 10591 (US). MADDON,
- (30) 10/116,269 4 Apr/avr 2002 US (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NON-INVASIVE SPECTROSCOPIC MEASUREMENT OF ANALYTES USING A MATCHED REFERENCE ANALYTE
• MESURE SPECTROSCOPIQUE NON EFFRACTIVE D'ANALYTES A L'AIDE D'UN ANALYTE DE REFERENCE MIS EN CORRESPONDANCE
- (71) INLIGHT SOLUTIONS, INC. [US/US]; 800 Bradbury SE, Albuquerque, NM 87106 (US).
- (72) ROBINSON, Mark, Ries; 1415 Calle Del Ranchero, N.E., Albuquerque, NM 87106 (US). FLEMING, Cliona; 10424 Chandler Drive, N.W., Albuquerque, NM 87114 (US). JONES, Howland; 25 Abajo Drive, Edgewood, NM 87015 (US). ROHRSCHEIB, Mark; 2511 Vista Larga, N.E., Albuquerque, NM 87015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ G01N
- (11) WO 03/087760 (13) A2
- (21) PCT/US03/10569
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/370,554 5 Apr/avr 2002 US (05.04.2002)

(30) 10/408,486 **7 Apr/avr 2003** US
(07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR DETECTING BCR-ABL SIGNALING ACTIVITY IN TISSUES USING PHOSPHO-SPECIFIC ANTIBODIES

• PROCEDES DE DETECTION D'ACTIVITE DE SIGNALISATION BCR-ABL DANS DES TISSUS A L'AIDE D'ANTI-CORPS PHOSPHO-SPECIFIQUES

(71) CELL SIGNALING TECHNOLOGY, INC. [US/US]; 166B Cummings Center, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROSBY, Katherine [US/US]; 38 Cabral Drive, Middleton, MA 01949 (US). SMITH, Bradley [US/US]; 25 Willow Road, Marblehead, Ma 01945 (US). GOSS, Valerie, L. [US/US]; 824 The Heights at Cape Cod, Gloucester, MA 01930 (US).

(74) CULLEM, James, Gregory; Intellectual Property Counsel, Cell Signaling Technology, Inc., 166B Cummings Center, Beverly, MA 01915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ G01N

(11) WO 03/087761 (13) A2

(21) PCT/US03/10573

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,473 **5 Apr/avr 2002** US
(05.04.2002)

(30) 10/408,520 **7 Apr/avr 2002** US
(07.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOLECULAR PROFILING OF DISEASE AND THERAPEUTIC RESPONSE USING PHOSPHO-SPECIFIC ANTIBODIES

• PROFILAGE DE MOLECULES D'UNE MALADIE ET REPONSE THERAPEUTIQUE UTILISANT DES ANTICORPS PHOSPHO-SPECIFIQUES

(71) CELL SIGNALING TECHNOLOGY, INC. [US/US]; 166B Cummings Center, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROSBY, Katherine [US/US]; 38 Cabral Drive, Middleton, MA 01949 (US). SMITH, Bradley [US/US]; 25 Willow Road, Marblehead, Ma 01945 (US).

(74) CULLEN, James, Gregory; Intellectual Property Counsel, Cell Signaling Technology, Inc., 166B Cummings Center, Beverly, MA 01915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ G01N

(11) WO 03/087762 (13) A2

(21) PCT/US03/10631

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/369,851 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHYL-CPG BINDING DOMAIN PROTEIN 2 HOMOLOGS

• HOMOLOGUES DE PROTEINE 2 A DOMAINE DE LIAISON METHYL-CPG

(71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapsee Drive, Suite 110, Salt Lake City, UT 84108 (US).

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(72, 75) MCMANUS, Corena, T. [US/US]; 1144 East Charlton Avenue, Salt Lake City, UT 84016 (US). JONES, David, A. [US/US]; 1780 E. Logan Avenue, Salt Lake City, UT 84108 (US).

(74) BOOTH, PAUL M et al. / etc.; HELLER EHRMAN WHITE & MCAULIFFE LLP, 1666 K Street, N.W., Suite 300, Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087763 (13) A2

(21) PCT/US03/10649

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/370,088 **3 Apr/avr 2002** US
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ASSOCIATION OF POLYMORPHISMS IN THE SOST GENE REGION WITH BONE MINERAL DENSITY

• ASSOCIATION DE POLYMORPHISMES DANS LA REGION DU GENE SOST AVEC LA DENSITE MINERALE DE L'OS

(71) CELLTECH R & D, INC. [US/US]; 1631 220th Street Southwest, Bothell, WA 98021 (US). ERASMUS UNIVERSITY ROTTERDAM [NL/NL]; Dr. Molenwaterplein 50, NL-3015 GD Rotterdam (NL).

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(72, 75) BRUNKOW, Mary, E. [US/US]; 9829 Triton Drive NW, Seattle, WA 98117 (US). CHARMLEY, Patrick, R. [US/US]; 316 18th Avenue, Seattle, WA 98122 (US). PROLL, Sean [US/US]; 8211 22nd Avenue NE, Seattle, WA 98115 (US). PAEPER, Bryan, W. [US/US]; 1617 Summit Avenue #43, Seattle, WA 98122 (US). UITTERLIN-DEN, Andreas, Gerardus [NL/NL]; Limes 67, NL-3176 TE Poortugaal (NL).

(74) ROSENMAN, Stephen, J. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087764 (13) A2

(21) PCT/US03/10663

(22) 4 Apr/avr 2003 (04.04.2003)

- (25) en (26) en
- (30) 60/370,313 4 Apr/avr 2002 US
(04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONNECTION OF CELLS TO SUBSTRATES USING ASSOCIATION PAIRS
• CONNEXION DE CELLULES A DES SUBSTRATS AU MOYEN DE PAIRES D'ASSOCIATION
- (71) VIRTUAL ARRAYS, INC. [US/US]; 1190 Bordeaux Drive, Sunnyvale, CA 94089 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BESKE, Oren, E. [US/US]; 324 Stowell Avenue, Sunnyvale, CA 94086 (US). GOLD-BARD, Simon [US/US]; 1033 Tulipan Drive, San Jose, CA 95129 (US).
- (74) ABNEY, James, R.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/087766 (13) A2
- (21) PCT/US03/10783
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,895 5 Apr/avr 2002 US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS OF DIAGNOSING POTENTIAL FOR METASTASIS OR DEVELOPING HEPATOCELLULAR CARCINOMA AND OF IDENTIFYING THERAPEUTIC TARGETS
• PROCEDES DE DIAGNOSTIC DE POTENTIEL DE METASTASE OU DE DEVELOPPEMENT DE CARCINOME HEPATOCELLULAIRE ET D'IDENTIFICATION DE CIBLES THERAPEUTIQUES
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WANG, Xin, Wei [US/US]; 11409 Crownwood Lane, Rockville, MD 20850 (US). YE, Qing-Hai [CN/CN]; Xi Ying Road 33-22-22, Apt. 301, Pu Dong New Area, 200126 Shanghai (CN). KIM, Jin, Woo [KR/US]; 12030 Chase Crossing Cir., #404, Rockville, MD 20852 (US).
- (74) WEBER, Kenneth, A. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/087765 (13) A2
- (21) PCT/US03/10699
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,870 8 Apr/avr 2002 US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM FOR TRACING ANIMAL PRODUCTS
• SYSTEME DE TRACABILITE DE PRODUITS D'ANIMAUX
- (71) PIG IMPROVEMENT COMPANY UK LTD. [GB/GB]; Fyfield Wick, Abingdon, Oxon, Oxfordshire OX13 5NA (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PLASTOW, Graham S. [GB/GB]; Sygen International, Fyfield Wick, Abingdon, Oxon, Oxfordshire OX13 5NA (GB). MILEHAM, Alan [GB/US]; Sygen International, 2929 Seventh Street, Suite 130, Berkeley, CA 94710 (US). WILKEN, Todd [US/US]; PIC, USA, 3033 Nashville Road, P.O. Box 348, Franklin, KY 42135 (US). GLADNEY, Christy [US/US]; Sygen International, 2929 Seventh Street, Suite 130, Berkeley, CA 94710 (US). BASTIAANSEN, John [NL/NL]; PIC Benelux, P.O. Box 49, NL-5240 AA Rosmalen (NL).
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N
- (11) WO 03/087767 (13) A2
- (21) PCT/US03/10785
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/370,305 6 Apr/avr 2002 US
(06.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A SYSTEM AND METHOD FOR QUANTIFYING THE DYNAMIC RESPONSE OF A TARGET SYSTEM
• SYSTEME ET PROCEDE DE QUANTIFICATION DE LA REPOSE DYNAMIQUE D'UN SYSTEME CIBLE
- (71, 72) BARBOUR, Randall, L. [US/US]; 15 Cherry Lane, Glen Head, NY 11545 (US).
- (74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/087768 (13) A2
- (21) PCT/US03/10870
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/372,843 12 Apr/avr 2002 US
(12.04.2002)
- (30) 60/389,987 17 Jun/juin 2002 US
(17.06.2002)
- (30) 60/412,418 20 Sep/sep 2002 US
(20.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TARGETS FOR THERAPEUTIC INTERVENTION IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
• CIBLES POUR UNE INTERVENTION THERAPEUTIQUE IDENTIFIEE DANS LE PROTEOME MITOCHONDRIAL
- (71) MITOKOR [US/US]; 11494 Sorrento Valley Road, San Diego, CA 92121 (US). THE BUCK INSTITUTE FOR AGE RESEARCH [US/US]; 8001 Redwood Boulevard, Novato, CA 94948-0638 (US).

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(72, 75) **GHOSH, Soumitra, S.** [US/US]; 12334 Pathos Lane, San Diego, CA 92129 (US). **FAHY, Eoin, D.** [US/US]; 7171 Canyon Hill Way, San Diego, CA 92126 (US). **ZHANG, Bing** [CN/US]; 4840-3 Clairemont Mesa Blvd., San Diego, CA 92117 (US). **GIBSON, Bradford, W.** [US/US]; 1324 Peralta Avenue, Berkeley, CA 94702 (US). **TAYLOR, Steven, W.** [AU/US]; 4012 Willamette Avenue, San Diego, CA 92117 (US). **GLENN, Gary, M.** [US/US]; 2007 Countrywood Ct., Encinitas, CA 92024 (US). **WARNOCK, Dale, E.** [US/US]; 4285 Calle Isabelino, San Diego, CA 92130 (US).

(74) **ROSENMAN, Stephen, J. et al. / etc.;** Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q2)

(51)⁷ G01N

(11) WO 03/087769 (13) A2

(21) PCT/US03/11014

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,759 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR IDENTIFYING MODULATORS OF ION CHANNELS

• PROCEDE D'IDENTIFICATION DE MODULATEURS DE CANAUX IONNIQUES

(71) **JANSSEN PHARMACEUTICA, N.V.** [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Sean** [US/US]; 1796 Shadow Mountain Drive, Encinitas, CA 92023 (US). **CHAPLAN, Sandra** [US/US]; 4421 Cape May Avenue, San Diego, CA 92107 (US). **DUBIN, Adrienne** [US/US]; 4303 Bromfield Avenue, San Diego, CA 92122 (US). **KAFTAN, Edward** [US/US]; 19S. William Street, Mount Prospect, IL 60056 (US).

(74) **ELDERKIN, Dianne, B.;** Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01N

(11) WO 03/087770 (13) A2

(21) PCT/US03/11193

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,155 12 Apr/avr 2002 US (12.04.2002)

(30) 60/440,950 17 Jan/jan 2003 US (17.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MATCHED FILTRATION WITH EXPERIMENTAL NOISE DETERMINATION FOR DENOISING, PEAK PICKING AND QUANTITATION IN LC-MS

• FILTRATION ADAPTEE METTANT EN OEUVRE UNE DETERMINATION DE BRUIT EXPERIMENTAL QUI PERMET DE PROCEDER A UN DEBRUITAGE, A UNE SELECTION DE CRETE, ET A UNE QUANTIFICATION DANS UNE ANALYSE LC-MS

(71) **NORTHEASTERN UNIVERSITY** [US/US]; 360 Huntington Avenue, Boston, MA 02115 (US).

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(72, 75) **ANDREEV, Victor, P.** [RU/US]; 370 Ocean Avenue, Apt. #907, Revere, MA 02151 (US). **REJTAR, Tomas** [CZ/US]; 315 Summer Street, Somerville, MA 02144 (US). **KARGER, Barry, L.** [US/US]; 62 Deborah Road, Newton, MA 02459 (US).

(74) **SCHURGIN, Stanley, M. et al. / etc.;** Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01N

(11) WO 03/087771 (13) A2

(21) PCT/US03/11227

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/121,240 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MAKING A MOLECULARLY SMOOTH SURFACE

• PROCEDE DE FABRICATION D'UNE SURFACE LISSE AU NIVEAU MOLECULAIRE

(71) **GENEOHM SCIENCES** [US/US]; 6146 Nancy Ridge Lane, Suite 101, San Diego, CA 92121 (US).

(72) **YANG, Xing;** 7285 Charmant Drive, #212, San Diego, CA 92122 (US).

(74) **HUNT, Dale, C.;** KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087772 (13) A2

(21) PCT/US03/11253

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/319,184 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR DETECTING LOW CONCENTRATIONS OF A TARGET BACTERIUM THAT USES PHAGES TO INFECT TARGET BACTERIAL CELLS

• PROCEDE DE DETECTION DE FAIBLES CONCENTRATIONS D'UNE BACTERIE CIBLE QUI UTILISE DES PHAGES POUR INFECTER DES CELLULES BACTERIENNES CIBLES

(71) COLORADO SCHOOL OF MINES [US/US]; 1500 Illinois Street, Golden, CO 80401 (US).

(72) MADONNA, Angelo, J.; 6985 South Chase Court, Littleton, CO 80128 (US). VOORHEES, Kent, J.; 714 Partridge Circle, Golden, CO 80401 (US). REES, Jon, C.; 1913 19th Street, #112, Golden, CO 80401 (US).

(74) KULISH, Christopher, J.; Holland & Hart LLP, P.O. Box 8749, Denver, CO 80201-8749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087773 (13) A2

(21) PCT/US03/11454

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,359 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTIPLEXED CAPILLARY ELECTROPHORESIS SYSTEMS

• SYSTEMES MULTIPLEXES D'ELECTROPHORESE CAPILLAIRE

(71) AMERSHAM BIOSCIENCES (SV) CORP [US/US]; 928 East Arques Avenue, Sunnyvale, CA 94085 (US).

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(72, 75) HUTTERER, Katriina, Maria [US/US]; 1720 Halford Avenue, #321, Santa

Clara, CA 95051 (US). OLSON, Nels, A. [US/US]; 5240 Fiori Terrace, Apt. J109, San Diego, CA 92122 (US). JOVANOVIĆ, Stevan, Bogdan [US/US]; 723 Hazel Street, Livermore, CA 94550 (US). ROACH, David, John [US/US]; 15904 Cherry Blossom Lane, Los Gatos, CA 95032 (US). ARMSTRONG, Thomas, M. [US/US]; 1556 Halford Avenue, Suite 423, Santa Clara, CA 95051 (US). BURGI, Dean [US/US]; 767 Mahogany Lane, Sunnyvale, CA 94086 (US). DOLNIK, Vladislav [US/US]; 409 Kent Drive, Mountain View, CA 94043 (US).

(74) RONNING, Royal, N., Jr. et al. / etc.; Amersham Biosciences Corp, 800 Centennial Avenue, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087774 (13) A2

(21) PCT/US03/11598

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,140 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ECIST MICROARRAYS FOR DUAL SCREENING OF DNA HYPERMETHYLATION AND GENE SILENCING, AND FOR USE IN AN INTEGRATED SYSTEM FOR ASSESSING GENE EXPRESSION, DNA METHYLATION AND HISTONE ACETYLATION

• MICRORESEAUX ECIST CONÇUS POUR EFFECTUER UN CRIBLAGE DOUBLE D'UNE HYPERMETHYLATION DE L'ADN ET D'UNE INACTIVATION GENIQUE, ET DESTINES A ETRE UTILISES DANS UN SYSTEME INTEGRE POUR EVALUER UNE EXPRESSION GENIQUE, UNE METHYLATION DE L'ADN ET UNE ACETYLATION D'HISTONE

(71) CURATORS OF THE UNIVERSITY OF MISSOURI [US/US]; Office of Technology and Special Projects, University of Missouri-Columbia, 615 Locust Street Building, Third Floor, Columbia, MO 65211-1400 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Tim, Hui-Ming [US/US]; 3007 Rodeo Drive, Columbia, MO 65203 (US). SHI, Huidong [US/US]; 2402 West Broadway, Apt. 219, Columbia, MO 65203 (US).

(74) DAVISON, Barry, L. et al. / etc.; Davis Wright Tremaine LLP, 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/087775 (13) A2

(21) PCT/US03/09954

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 60/370,552 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR NON-INVASIVE MONITORING OF BLOOD SUBSTANCES USING SELF-SAMPLED TEARS

• PROCEDE ET DISPOSITIF PERMETTANT UNE SURVEILLANCE NON EFFRACTIVE DES SUBSTANCES PRESENTES DANS LE SANG PAR L'UTILISATION DE LARMES AUTO-PRELEVÉES

(63) US 60/370,552 (CON) 5 Apr/avr 2002 (05.04.2002)

(71) EYELAB GROUP, LLC [US/US]; 2350 Washtenaw Avenue, Ann Arbor, MI 48104 (US).

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(72, 75) COHAN, Bruce, E. [US/US]; 1050 Wall Street #5A, Ann Arbor, MI 48105 (US). CHA, Geun, Sig [KR/KR]; 9-78 Hongeun-dong, Seodemun-gu, Seoul 120-841, Korea (KR). MEYERHOFF, Mark, E. [US/US]; 1312 Shevchenko, Ann Arbor, MI 48103 (US). NAM, Hakhyun [KR/KR]; #101-206 Hanyang Apt., 133-1 Beon-dong, Kangbuk-gu, Seoul 142-063 (KR). GILLESPIE, Donald, E. [US/US]; 4629 Platt Road, Ann Arbor, MI 48108 (US). CUI, Gang [CN/CN]; 19 Zhu Minghui-wei, Xinxing-je, Yanji, Jilin 133000 (CN). KIM, Jong, Sik [KR/KR]; #1-1505 Borame Woosung Apt., 9-4 Shindae-bang-dong, Dongjak-gu, Seoul 156-012 (KR). FLANDERS, Zvi [US/US]; 6207 Blue Heron, Ann Arbor, MI 48108 (US).

(74) MANSFIELD, Stephanie, M. et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 1/00

(11) WO 03/087776 (13) A1

(21) PCT/US01/45749

(22) 24 Oct/oct 2001 (24.10.2001)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR SAMPLING AND TESTING A SPECIMEN

• APPAREIL D'ÉCHANTILLONNAGE ET D'ANALYSE D'ÉCHANTILLONS

(71, 72) ALLEY, Kenneth, A. [US/US]; 311 Foundryville Road, Berwick, PA 18603 (US).

(74) GARZIA, Mark, A.; P.O. Box 288, Media, PA 19063-0288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 1/24

(11) WO 03/087777 (13) A1

(21) PCT/IL03/00041

(22) 15 Jan/jan 2003 (15.01.2003)

(25) en (26) en

(30) 60/372,805 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTAMINANT SCANNING SYSTEM

• SYSTÈME DE DETECTION D'AGENT DE CONTAMINATION

(63) US 60/372,805 (CIP) 17 Apr/avr 2002 (17.04.2002)

(71) TRACETRACK TECHNOLOGY LTD. [IL/IL]; Yigal Alon Street 94, 67891 Tel-Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ORNATH, Fredy [IL/IL]; Beit Zuri Street 12, 69122 Tel-Aviv (IL).

(74) FENSTER, Paul et al. / etc.; Fenster & Company, Intellectual Property 2002 Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 3/46

(11) WO 03/087778 (13) A1

(21) PCT/US03/10510

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,516 10 Apr/avr 2002 US (10.04.2002)

(30) 60/374,856 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING PROPERTIES OF A TEST MATERIAL BY SCRATCH TESTING

• PROCÉDE ET APPAREIL DE DÉTERMINATION DES PROPRIÉTÉS D'UN MATÉRIAU D'ESSAI PAR ESSAI DE DURETÉ PAR RAYAGE

(71) MTS SYSTEMS CORPORATION [US/US]; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US).

(72) JARDRET, Vincent, P.; 213 Doughty Avenue, Knoxville, TN 37918 (US). MOREL, Pierre, Jean; 6315 Kingston Pike #146, Knoxville, TN 37919 (US).

(74) KOEHLER, Steven, M. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 7/00, B01L 3/00

(11) WO 03/087779 (13) A1

(21) PCT/SE03/00557

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0201072-6 8 Apr/avr 2002 SE (08.04.2002)

(30) 60/370,234 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOMING PROCESS

• PROCÉDE POUR POSITION DE RÉFÉRENCE

(71) GYROS AB [SE/SE]; Uppsala Science Park, S-751 83 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SJÖBERG, Jan [SE/SE]; Kållrotsgatan 5, S-754 49 Uppsala (SE). WIBERG, Rony [SE/SE]; Fågatan 5, S-744 31 Heby (SE). WAHLBERG, Göran [SE/SE]; Granbovägen 12, S-722 31 Västerås (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 171 92, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 09/24, 29/04

(11) WO 03/087780 (13) A1

(21) PCT/US03/10607

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,799 11 Apr/avr 2002 US (11.04.2002)

(30) 10/263,292 30 Sep/sep 2002 US (30.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED NON-DESTRUCTIVE EVALUATION METHOD EMPLOYING DIELECTRIC ELECTROSTATIC ULTRASONIC TRANSDUCERS

• PROCÉDE AMÉLIORÉ D'ÉVALUATION NON DESTRUCTRICE METTANT EN ŒUVRE DES TRANSDUCTEURS ULTRASONORES ÉLECTROSTATIQUES DIELECTRIQUES

(71) UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION [US/US]; 300 E. Street. SW, Washington, D.C. 20546 (US).

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(72, 75) YOST, William, T. [US/US]; 797 Fawn Lane, Newport News, VA 23602 (US). CANTRELL, John, H. [US/US]; 245 East Queens Drive, Williamsburg, VA 23185 (US).

(74) GALUS, Helen, M. et al. / etc.; Nasa Langley Research Center, Mail Stop 212, 3 Langley Boulevard, Hampton, VA 23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G01N 11/00, A61B 10/00

(11) WO 03/087781 (13) A1

(21) PCT/US03/10978

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,202 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VISCOSITY AND VISCOELASTICITY
MEASURING INSTRUMENT

• INSTRUMENT DE MESURE DE VIS-
COSITE ET DE VISCOELASTICITE

(71) BOSTON RHEOLOGY LLC [US/US];
830 Boylston Street, Suite 207, Chestnut Hill,
MA 02467 (US).

(72) MURRAY, Paul, D.; 84 South Street,
Carlisle, MA 01742 (US). KENIG, Alfredo,
O.; 84 South Street, Carlisle, MA 01742
(US). PORAT, David; 18 Sunset Road, New-
ton, MA 02458 (US).

(74) MARTIN, Steven, K. et al. / etc.; Morse,
Altman & Martin, P.O. Box 6926, Boston,
MA 02102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G01N 15/00

(11) WO 03/087782 (13) A2

(21) PCT/DK03/00240

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) PA 2002 00560 16 Apr/avr 2002 DK
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SPECIMEN HOLDING PLATE FOR
A GAS PERMEABILITY MEASURING
APPARATUS

• PLAQUE DE FIXATION D'UN ECHAN-
TILLON DESTINEE A UN APPAREIL
DE MESURE DE LA PERMEABILITE
AU GAZ

(71) PBI-DANSENSOR A/S [DK/DK];
Rønnedevej 18, DK-4100 Ringsted (DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JENSEN, Henning [DK/DK];
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KLAUSEN, Kasper [DK/DK]; Charlotte
Muncks Vej 15, DK-2400 Copenhagen
NV (DK). SOLBERG, Elvin, Schmidt
[DK/DK]; Næstvedvej 19b, DK-4760
Vordingborg (DK). HANSEN, Kenneth
[DK/DK]; Ørsløvestervej 80, DK-4173
Fjenneslev (DK).

(74) NIELSEN, Kim, Garsdal et al. / etc.; In-
ternationalt Patent-Bureau A/S, Høje Taastrup
Boulevard 23, DK-2630 Taastrup (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01N 15/06

(11) WO 03/087783 (13) A1

(21) PCT/US03/10398

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,500 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANALYTE SENSOR

• DETECTEUR D'ANALYTES

(71) POWERZYME, INC. [US/US]; 11 Deer
Park Drive, Suite 202, Monmouth Junction,
NJ 08852 (US).

(72) RITTS, Rosalyn; 53 Hun Road, Princeton,
NJ 08540 (US). SUN, Hoi-Cheong, Steve;
1504 Blossom Circle, Dayton, NJ 08810
(US).

(74) BRAUNSTEIN, Michael, D. et al. / etc.;
Lerner, David, Littenberg, Krumholz & Men-
lik, LLP, 600 South Avenue West, Westfield,
NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01N 17/00

(11) WO 03/087784 (13) A1

(21) PCT/IE03/00056

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) S002/0268 15 Apr/avr 2002 IE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MATERIAL STABILITY TEST SYS-
TEM.

• SYSTEME DE TEST DE STABILITE DE
MATERIAUX

(71) AMEBIS INTELLECTUAL PROPER-
TIES LIMITED [IE/IE]; 18 Harbour Mill,
Davitt's Quay, Dungarvan, County Water-
ford, Ireland (IE).

(only for / seulement pour US)

(72, 75) MOIR, Peter, Donald [GB/IE]; 18
Harbour Mill, Davitt's Quay, Dungarvan,
County Waterford (IE). MCSWEENEY,
Nigel [IE/IE]; 75 Shandon Park, Phibsboro,
Dublin 7 (IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruick-
shank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01N 19/04

(11) WO 03/087785 (13) A2

(21) PCT/FR03/00851

(22) 17 Mar/mar 2003 (17.03.2003)

(25) fr (26) fr

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(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR SELECTING AN IN-
SERT ON THE BASIS OF THE ME-
CHANICAL RESISTANCE THEREOF

• PROCEDE POUR SELECTIONNER UN
INTERCALAIRE QUANT A SA RESIS-
TANCE MECANIQUE

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(74) AUPETIT, Muriel; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 0208037.2 8 Apr/avr 2002 GB (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR GAS DETECTION
• PROCEDE ET APPAREIL DE DETECTION DE GAZ

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMICONDUCTOR DIODE LASER SPECTROMETER ARRANGEMENT AND METHOD

• ENSEMBLE SPECTROMETRE A LASER A DIODE A SEMI-CONDUCTEUR

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/43, E21B 49/10, 47/10

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(25) en (26) en

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD AND APPARATUS FOR A DOWNHOLE REFRACTOMETER AND ATTENUATED REFLECTANCE SPECTROMETER

• PROCEDE ET APPAREIL POUR DETECTEUR REFRACTOMETRIQUE DE FOND ET SPECTROMETRE A REFLECTANCE ATTENUÉE

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(74) WELBORN, Brian, S. et al. / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOLOGRAPHIC SENSOR BASED ON A VOLUME HOLOGRAM IN A POROUS MEDIUM

• CAPTEUR HOLOGRAPHIQUE FONDE SUR UN HOLOGRAMME TRIDIMENSIONNEL CONTENU DANS UNE SUBSTANCE POREUSE

(71) SMART HOLOGRAMS LIMITED [GB/GB]; 29 High Street, Longstanton, Cambridgeshire CB4 5BP (GB).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) ja (26) ja

(30) 2002-092979 28 Mar/mar 2002 JP (28.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EVALUATION METHOD AND DEVICE FOR GEL STATE OR SOL-GEL STATE CHANGE OF OBJECT

• PROCEDE ET DISPOSITIF D'INSPECTION AUTOMATIQUE D'ETAT DE GEL OU DE CHANGEMENT D'ETAT SOL-GEL D'UN OBJET

(71) TAKAI TOFU & SOYMILK EQUIPMENT COMPANY LIMITED [JP/JP]; 1, Inari 1-chome, Nonoichi-machi, Ishikawa-gun, Ishikawa 921-8564 (JP). MATSUURADENKOSHA COMPANY LIMITED [JP/JP]; 76, Futsukaichi 1-chome, Nonoichi-machi, Ishikawa-gun, Ishikawa 921-8807 (JP).

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(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/53, 21/27, G08B 17/10

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(22) 2 Oct/oct 2002 (02.10.2002)

(25) ru (26) ru

(30) 2002110389 15 Apr/avr 2002 RU (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIAGNOSTIC SYSTEM FOR BIOLOGICAL AIR POLLUTION

• SYSTEME DE DIAGNOSTIQUE DE LA POLLUTION BIOLOGIQUE DE L'AIR

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(74) MARKOV, Aleksei Mikhailovich; SPbGMTU, Patentno-litsenzyonny otdel, ul. Lotsmanskaya, 3, St. Petersburg, 190008 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) PA 2002 00561 15 Apr/avr 2002 DK (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR MEASURING LIGHT REFLECTIONS OF AN OBJECT

• PROCEDE ET APPAREIL POUR MESURER DES REFLEXIONS DE LUMIERE D'UN OBJET

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(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/65, A61B 5/00

(11) WO 03/087793 (13) A1

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(25) en (26) en

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(30) 10/178,062 **21 Jun/juin 2002** US
(**21.06.2002**)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEMS AND METHODS FOR SPECTROSCOPY OF BIOLOGICAL TISSUE
• SYSTEMES ET PROCÉDES DE SPECTROSCOPIE D'UN TISSU BIOLOGIQUE

(63) US 10/178,062 (CIP)
21 Jun/juin 2002 (21.06.2002)

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(74) HOOVER, Thomas, O. et al. / etc.; Bowditch & Dewey, LLP, 161 Worcester Road, P.O. Box 9320, Framingham, MA 01701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WEB MARKING SYSTEMS AND METHODS
• SYSTEME ET PROCÉDE DE MARQUAGE DE BANDE

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(74) GILLAM, Francis, Cyril et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 1ST (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 0208572.8 13 Apr/avr 2002 GB
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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • X-RAY DIFFRACTION APPARATUS AND METHOD
• DISPOSITIF ET PROCÉDE DE DIFFRACTION DES RAYONS X

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US03/11274

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(25) en (26) en

(30) 60/371,550 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH THROUGHPUT X-RAY DIFFRACTION FILTER SAMPLE HOLDER

• PORTE-ECHANTILLON A FILTRE DE DIFFRACTION DE RAYONS X A DEBIT ELEVE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
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(72, 75) ROSSO, Victor, W. [US/US]; 524 Fairfield Road, East Windsor, NJ 08520 (US). YOUNG, Glen [US/US]; 30 Cmostock Street, New Brunswick, NJ 08903 (US). NOLFO, Joseph [US/US]; 136 Emeline Drive, Hawthorne, NJ 07506 (US). VITEZ, Imre, M. [US/US]; 117 Main Street, Whitehouse Station, NJ 08889 (US). VENIT, John, J. [US/US]; 260 Dawes Road, New Brunswick, NJ 08902 (US).

(74) BAXAM, Deanna et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SAMPLE SURFACE INSPECTION APPARATUS AND METHOD

• APPAREIL ET PROCÉDE D'INSPECTION DE SURFACE D'ECHANTILLONS

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATAKEYAMA, Masahiro [JP/JP]; 1-9-8-105, Inari, Fujisawa-shi, Kanagawa 251-0862 (JP). WATANABE, Kenji [JP/JP]; 1-9-2-2-411, Inari, Fujisawa-shi, Kanagawa 251-0862 (JP). MURAKAMI, Takeshi

- [JP/JP]; 1-10-2-305, Higashinakanobu, Shinagawa-ku, Tokyo 142-0052 (JP). **SATAKE, Tohru** [JP/JP]; 14-47, Higashikaigankita 2-chome, Chigasaki-shi, Kanagawa 253-0053 (JP). **NOJI, Nobuharu** [JP/JP]; 8-2-7, Hisagi, Zushi-shi, Kanagawa 249-0001 (JP).
- (74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) JP US.
- (84) EP (DE FR GB NL).
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- (51)⁷ G01N 27/22
- (11) WO 03/087798 (13) A1
- (21) PCT/JP03/04576
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) ja (26) ja
- (30) 2002-110822 12 Apr/avr 2002 JP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SENSOR CELL, BIOSENSOR, CAPACITIVE DEVICE MANUFACTURING METHOD, BIOLOGICAL REACTION DETECTION METHOD, AND GENE ANALYZING METHOD
- CELLULE DE DETECTION, BIOCAPTEUR, PROCEDE DE FABRICATION D'UN DISPOSITIF CAPACITIF, PROCEDE DE DETECTION DE REACTION BIOLOGIQUE, PROCEDE D'ANALYSE GENETIQUE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 2-4-1, Nishishinjuku, Shinjuku-ku, Tokyo 163-0023 (JP).
- (72) **MAEDA, Hiroshi**; c/o SEIKO EPSON CORPORATION, 3-5-3, Owa, Suwa-shi, Nagano 392-8502 (JP).
- (74) **INABA, Yoshiyuki** et al. / etc.; TMI ASSOCIATES, 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi, Minato-ku, Tokyo 106-6123 (JP).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ G01N 27/26, 27/00
- (11) WO 03/087799 (13) A1
- (21) PCT/FR03/01069
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) fr (26) fr
- (30) 02/04587 12 Apr/avr 2002 FR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR AMPEROMETRIC MEASUREMENT OF THE IODINE ABSORPTION RATE OF A SUBSTANCE
- PROCEDE ET APPAREIL DE MESURE PAR AMPEROMETRIE DU TAUX D'ABSORPTION D'IODE D'UNE SUBSTANCE
- (71) **CHOPIN** [FR/FR]; Z.I. du Val de Seine, 20, avenue Marcellin Berthelot, F-92390 Villeneuve-La-Garenne (FR).
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- (72, 75) **DERUELLE, Jacques** [FR/FR]; 38, avenue Berthollet, F-93600 Aulnay-sous-Bois (FR). **DUBAT, Arnaud** [FR/FR]; 29, rue des Epinettes, F-78630 Bures-Morainvilliers (FR). **LECOMTE, Emmanuel** [FR/FR]; 54bis, avenue Foch, F-78400 Chatou (FR).
- (74) **CABINET CHAMBON**; 16, boulevard d'Ormesson, F-95880 Enghien-les-Bains (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 27/30
- (11) WO 03/087800 (13) A1
- (21) PCT/FI03/00270
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 20020724 15 Apr/avr 2002 FI (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INSULATOR ELECTRODE DEVICES
- DISPOSITIFS À ELECTRODES ISO-LANTES
- (71) **LABMASTER LTD** [FI/FI]; Fiskarsinkatu 11, FIN-20750 Turku (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALA-KLEME, Timo, Väinö, Kalevi** [FI/FI]; Pappistentie 428, FIN-32300 Mellilä (FI). **CANTY, Philip, Anthony** [IE/IE]; 19 Tramore Lawn, Douglas, Cork (IE). **ESKOLA, Jarkko, Uolevi** [FI/FI]; Peipposenkujä 2 R 195, FIN-20610 Turku (FI). **KORPELA, Timo, Kalevi** [FI/FI]; Kraatarinkatu 1 D 42, FIN-20610 Turku (FI). **KULMALA, Sakari, Mikael** [FI/FI]; Aamuruskonkujä 11, FIN-02400 Kirkkonummi (FI). **MÄKINEN, Piia, Kaarina** [FI/FI]; Kupittaankatu 27 A 7, FIN-20700 Turku (FI).
- (74) **OY JALO ANT-WUORINEN AB**; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 27/416, 27/48
- (11) WO 03/087802 (13) A2
- (21) PCT/GB03/01383
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 0208095.0 9 Apr/avr 2002 GB (09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTROCHEMICAL SENSOR SYSTEM AND SENSING METHOD
- SYSTEME DE DETECTION ELECTROCHIMIQUE ET PROCEDE DE DETECTION
- (71) **ELECTROCHEMICAL SENSOR TECHNOLOGY LIMITED** [GB/GB]; 14 Market Place, Durham DH1 3NE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOBSON, John, Vincent** [GB/GB]; 14 Market Place, Durham DH1 3NE (GB). **MARSHALL, Robert, Neil** [GB/GB]; 14 Market Place, Durham DH1 3NE (GB).
- (74) **NOVAGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/419, 27/406, 27/407

(11) WO 03/087803 (13) A1

(21) PCT/DE03/00701

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) 102 16 724.9 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR OPERATING A BROAD-BAND LAMBDA PROBE

• PROCEDE POUR FAIRE FONCTIONNER UNE SONDE LAMBDA A LARGE BANDE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIEDENMANN, Hans-Martin [DE/DE]; Brucknerstrasse 20, 70195 Stuttgart (DE). DIEHL, Lothar [DE/DE]; Grubenaecker 141, 70499 Stuttgart (DE). MOSER, Thomas [DE/DE]; Herrenwiesenweg 7, 71701 Schwieberdingen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01N 27/72

(11) WO 03/087804 (13) A1

(21) PCT/JP03/04581

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-110706 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF NONDESTRUCTIVE EXAMINATION OF CHROMIUM-CONTAINING NICKEL-BASED ALLOY FOR GRAIN BOUNDARY CORROSION AND EXAMINATION APPARATUS

• PROCEDE D'ESSAI NON DESTRUCTIF D'UN ALLIAGE A BASE DE NICKEL ET CONTENANT DU CHROME DESTINE A UNE CORROSION DE JOINT DE GRAIN ET APPAREIL D'ESSAI

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Seiki [JP/JP]; 37-1, Aza Yokaichiba, Mukainakano, Morioka-shi, Iwate 020-0851 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01N 30/00

(11) WO 03/087805 (13) A2

(21) PCT/EP03/03998

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,334 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR EFFICIENTLY COMPUTING THE MASS OF MODIFIED PEPTIDES FOR MASS SPECTROMETRY DATA-BASED IDENTIFICATION

• PROCEDE PERMETTANT DE CALCULER DE MANIERE EFFICACE LA MASSE DE PEPTIDES MODIFIEES EN VUE DE L'IDENTIFICATION PAR RECHERCHE DE BASE DE DONNEES ET SPECTROMETRIE DE MASSE

(71) GENEPROT, INC. [CH/CH]; 2, rue Pré de la Fontaine, Case Postale 125, CH-1217 Meyrin 2 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLINGE, Jacques [CH/CH]; c/o GeneProt, Inc., 2, rue Pré de la Fontaine, CH-1217 Meyrin/GE (CH). MASSELOT, Alexandre [CH/CH]; c/o GeneProt, Inc., 2, rue Pré de la Fontaine, CH-1217 Meyrin/GE (CH).

(74) VIKTOR, Rainer; Vossius & Partner, Siebertstr. 4, München 81675 (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 30/00

(11) WO 03/087806 (13) A2

(21) PCT/EP03/04005

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,335 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR OPTIMIZING THE POSITIONS OF STANDARDS ON MALDI TARGETS FOR MASS SPECTROMETRY

• PROCEDES POUR OPTIMISER LES POSITIONS D'ETALONS SUR DES CIBLES MALDI POUR LA SPECTROMETRIE DE MASSE

(71) GENEPROT, INC. [CH/CH]; 2, rue Pré de la Fontaine, Case Postale 125, CH-1217 Meyrin 2 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLINGE, Jacques [CH/CH]; c/o GeneProt, Inc., 2, rue Pré de la Fontaine, CH-1217 Meyrin/GE (CH). KUSSMANN, Martin [DE/CH]; c/o GeneProt, Inc., 2, rue Pré de la Fontaine, CH-1217 Meyrin/GE (CH). ROSSELLAT, Gerald [CH/CH]; c/o GeneProt, Inc., 2, rue Pré de la Fontaine, CH-1217 Meyrin/GE (CH).

(74) VIKTOR, Rainer; Vossius & Partner, Siebertstr. 4, München 81675 (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 30/02

(11) WO 03/087807 (13) A1

(21) PCT/US03/09189

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 60/370,641 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR COUNTERCURRENT CHROMATOGRAPHY

• PROCEDE ET APPAREIL DE CHROMATOGRAPHIE A CONTRE-COURANT

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Blvd., Suite 325, Rockville, MD 20852 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Yoichiro [US/US]; 6003 Melvern Drive, Bethesda, MD 20817 (US).

(74) DELANEY, Karoline, A.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 30/48, 30/60, 30/88, B01D 15/08,
15/00

(11) WO 03/087808 (13) A1

(21) PCT/JP03/04499

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-110542 12 Apr/avr 2002 JP
(12.04.2002)

(30) 2002-307820 23 Oct/oct 2002 JP
(23.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL ISOMER SEPARATION
PACKING FOR SIMULATED MOV-
ING BED CHROMATOGRAPHY
• REMPLISSAGE DE SEPARATION
D'ISOMERE OPTIQUE DESTINE A LA
SIMULATION DE LA CHROMATO-
GRAPHIE SUR LIT MOBILE

(71) DAICEL CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka
590-8501 (JP).

(72) ONISHI, Atsushi; 14-14, Sengen 1-chome,
Tsukuba-shi, Ibaraki 305-0047 (JP). MU-
RAZUMI, Koichi; 564-16, Kaichikitamachi,
Aboshi-ku, Himeji-shi, Hyogo 671-1251
(JP).

(74) FURUYA, Satoshi et al. / etc.; Hamacho-
Hanacho Building 6th Floor, 2-17-8, Nihon-
bashi-Hamacho, Chuo-ku, Tokyo 103-0007
(JP).

(81) CN IN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01N 30/48

(11) WO 03/087809 (13) A1

(21) PCT/SG02/00062

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STATIONARY PHASES FOR GAS
CHROMATOGRAPHY
• PHASES STATIONNAIRES POUR
CHROMATOGRAPHIE GAZEUSE

(71) KETULEE CORPORATION PTE LTD.
[SG/SG]; Block 3, Bukit Batok Street 25,
#06-01, Singapore 658881 (SG).
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les États désignés sauf US)

(72) KETULY, Kamal, Aziz; Ehsan Ria Condo,
Block C312, 2A, Jalan Buki, Section 11/2,
46200 Petaling Jaya (MY).

(74) NAMAZIE, Farah; Namazie & Co., Robin-
son Road Post Office, PO Box 1482, Singa-
pore 902932 (SG).

(81) AE AU BR BY CA CN DZ ID IN JP KP KR
MX NO RU SG US ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).

(51)⁷ G01N 33/00, 21/17

(11) WO 03/087810 (13) A1

(21) PCT/EP03/02581

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 16 494.0 13 Apr/avr 2002 DE
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR THE SPECTROMETRIC
DETERMINATION OF A CHEMICAL
AND/OR PHYSICAL PROCESS VARI-
ABLE
• SYSTEME DE DETERMINATION
SPECTROMETRIQUE D'UNE GRAN-
DEUR DE PROCESSUS PHYSIQUE
ET/OU CHIMIQUE

(71) ENDRESS + HAUSER CONDUCTA
GMBH+CO. KG [DE/DE]; Dieselstrasse
24, 70839 Gerlingen (DE).
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les États désignés sauf US)

(72, 75) BABEL, Wolfgang [DE/DE]; Lindenhof
19, 71263 Weil der Stadt (DE). STEIN-
MÜLLER, Dirk [DE/DE]; Stettinerstrasse
21, 76139 Karlsruhe (DE).

(74) ANDRES, Angelika; c/o Endress + Hauser
Deutschland Holding GmbH, PatServe, Col-
marer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01N 33/00, 27/12

(11) WO 03/087811 (13) A1

(21) PCT/US02/12839

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR ANALYZING MIX-
TURES OF GASES
• DISPOSITIF ET PROCEDE D'ANA-
LYSE DE MELANGES DE GAZ

(71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORRIS, Patricia, A. [US/US]; P.O.
Box 532, Montchanin, DE 19710 (US).

(74) LANGWORTHY, John, A.; E.I. Du Pont
De Nemours and Company, Legal Patent
Records Center, 4417 Lancaster Pike, Wilm-
ington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G01N 33/00, A01K 67/033, 67/027, C12N
15/00

(11) WO 03/087812 (13) A1

(21) PCT/US03/10772

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,689 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENCLOSED AQUACULTURAL SYS-
TEMS FOR PRODUCTION OF PURI-
FIED RECOMBINANT PROTEINS
• SYSTEMES D'AQUACULTURES CLOS
DESTINES A PRODUIRE DES PRO-
TEINES RECOMBINEES PURIFIEES

(71, 72) ALLNUT, F.C. Thomas [US/US];
14692 Mustang Path, Glenwood, MD 21738
(US). HAREL, Moti [IL/US]; 2012 Masters
Drive, Baltimore, MD 21209 (US).

(74) GARRETT, Arthur, S.; Finnegan, Hender-
son, Farabow, Garrett & Dunner, L.L.P., 1300
I Street, N.W., Washington, DC 20005-3315
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(54) • METHOD FOR DISCRIMINATING ORGANIC AGRICULTURAL PRODUCTS FROM CONVENTIONAL AGRICULTURAL PRODUCTS BY USING NITROGEN ISOTOPE INDEX

• PROCEDE PERMETTANT DE DISTINGUER DES PRODUITS AGRICOLES ORGANIQUES DE PRODUITS AGRICOLES TRADITIONNELS A L'AIDE D'UN INDICE DES ISOTOPES D'AZOTE

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(72, 75) CHOI, Woo-Jung [KR/KR]; 408-906 Wooman Jugong Apt., 300, Wooman-dong, Paldal-gu, Suwon-city, Kyonggi-do 442-191 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/34, 21/25, B05C 3/18, D21H 25/10

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(21) PCT/FI03/00297

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 20020732 16 Apr/avr 2002 FI (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR MEASURING AMOUNT OF COATING ON PAPER WEB

• PROCEDE ET APPAREIL DE MESURE D'UNE QUANTITE DE REVETEMENT SUR UNE BANDE DE PAPIER

(71) METSO AUTOMATION OY [FI/FI]; Tulpantie 1, FIN-00880 Helsinki (FI).
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(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G01N 33/48

(11) WO 03/087815 (13) A2

(21) PCT/EP03/04008

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,207 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOUND SCREENING

• CRIBLAGE DE COMPOSES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

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(74) GROS, Florent; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MG MK MN MX NI NO NZ OM PH PL PT RO RU SC SE SG SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01N 33/48

(11) WO 03/087816 (13) A1

(21) PCT/US03/10878

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,018 9 Apr/avr 2002 US (09.04.2002)

(30) 60/430,567 2 Dec/déc 2002 US (02.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CRYSTALS AND STRUCTURES OF PAK4KD KINASE PAK4KD

• CRISTAUX ET STRUCTURES DE PAK4KD KINASE PAK4KD

(71) STRUCTURAL GENOMIX, INC. [US/US]; 10505 Roselle Street, San Diego, CA 92121 (US).

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(72, 75) ANTONYSAMY, Stephen, S. [IN/US]; 3950 Mahaila Avenue, Apt.#H25, San Diego, CA 92122 (US). FEIL, Ingeborg [DE/US]; 3632 Caminito Cielo Del Mar, San Diego, CA 92130 (US). BUCHANAN, Sean, G. [GB/US]; 1285 Hymettus Avenue, Encinitas, CA 92024 (US). POST, Kai, W. [US/US]; 850 Beech Street, #403, San Diego, CA 92101 (US). LIU, Yi [CN/US]; 4255 Corte de Sausalito, San Diego, CA 92130 (US). LORBER, David [US/US]; 5260 Fiore Terrace #207, San Diego, CA 92122 (US).

(74) LAU, Kawai et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) es (26) es

(30) 20020904 18 Apr/avr 2002 ES (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE AND METHOD FOR MEASURING COAGULATION TIME AND PLATELET ACTIVITY

• DISPOSITIF ET PROCEDE DE MESURE DU TEMPS DE COAGULATION ET DE L'ACTIVITE PLAQUETTAIRE

(71) SERVICIO DE INSTRUMENTACIÓN HOSPITALARIA, S.L. [ES/ES]; Dehesa de Mari Martín, Parcela. 12-Pi. Alparrache, Il. Navalcarnero, E-28600 Madrid (ES).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 03/087818 (13) A2

(21) PCT/EP03/03277

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 02 008 650.0 17 Apr/avr 2002 EP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS FOR DIAGNOSIS AND THERAPY OF DISEASES ASSOCIATED WITH ABERRANT EXPRESSION OF *KREMEN* AND/OR *WNT*

• COMPOSITIONS DESTINEES AU DIAGNOSTIC ET A LA THERAPIE DE MALADIES ASSOCIEES A L'EXPRESSION ABERRANTE DE <I>KREMEN</I> ET/OU <I>WNT</I>

(71) **DEUTSCHES KREBS-FORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, 69120 Heidelberg (DE).

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(72, 75) **NIEHRS, Christof** [DE/DE]; Klingentechstrasse 6b, 69117 Heidelberg (DE). **MAO, Bingyu** [CN/DE]; Neumarkt 2, 69117 Heidelberg (DE).

(74) **SCHÜSSLER, Andrea**; Patentanwälte Huber & Schüssler, Truderinger Strasse 246, 81825 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/53, 33/68

(11) WO 03/087819 (13) A1

(21) PCT/DK03/00250

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en

(30) PS 1692 11 Apr/avr 2002 AU (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR DETERMINING LEVELS OF HUMAN B-TYPE NATRIURETIC PEPTIDE PRECURSORS

• PROCEDES DE DETERMINATION DE NIVEAUX DE PRECURSEURS DE PEPTIDE NATRIURETIC HUMAIN DE TYPE B (BNP)

(71) **RIGSHOSPITALET** [DK/DK]; Blegdamsvej 9, DK-2100 Copenhagen Ø (DK). **UNIVERSITY OF COPENHAGEN** [DK/DK]; Norregade 10, DK-1017 Copenhagen K (DK).

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(72, 75) **GØTZE, Jens, Peter** [DK/DK]; Kildevældsgade 1, DK-2100 Copenhagen Ø (DK). **REHFELD, Jens, F.** [DK/DK]; Esperance Allé 18, DK-2920 Charlottenlund (DK).

(74) **POUGMANN & VINGTOFT A/S**; Sundkrogsvej 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/53, 33/68

(11) WO 03/087820 (13) A1

(21) PCT/JP03/04768

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113489 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF EXAMINING COMP FAILURE

• PROCEDE D'ETUDE DE LA DE-FAILLANCE DE LA PROTEINE COMP

(71) **RIKEN** [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).

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(74) **SIKS & CO.**; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/53

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(25) en (26) en

(30) 60/370,589 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CLEAVING AND DEGLYCOSYLATING ANTIBODIES TO PROMOTE LIGAND BINDING

• PROCEDE DE CLIVAGE ET DE DEGLYCOSYLATION D'ANTICORPS POUR PROMOUVOIR UNE LIAISON DE LIGAND

(71) **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION** [US/US]; Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).

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(74) **SULLIVAN, Clark, G.**; King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/543, 33/558

(11) WO 03/087822 (13) A2

(21) PCT/CA03/00539

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,774 10 Apr/avr 2002 US (10.04.2002)

(30) 10/162,138 **3 Jun/juin 2002** US
(03.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SENSITIVE IMMUNOCHROMATOGRAPHIC ASSAY

• DOSAGE IMMUNOCHROMATOGRAPHIQUE SENSIBLE

(63) US 10/120,774 (CIP)

10 Apr/avr 2002 (10.04.2002)

US 10/162,138 (CIP)

3 Jun/juin 2002 (03.06.2002)

(71) **RESPONSE BIOMEDICAL CORPORATION** [CA/CA]; 8855 Northbrook Court, Burnaby, British Columbia V5J 5J1 (CA).

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(72, 75) **FONG, Whalley, K.** [CA/CA]; 2273 King Albert Avenue, Coquitlam, British Columbia V3J 1Z8 (CA).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 33/543, 33/547, B01J 20/34, 20/26, B01D 15/08**

(11) **WO 03/087823** (13) A1

(21) PCT/EP03/03782

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) de (26) de

(30) 102 16 446.0 **12 Apr/avr 2002** DE
(12.04.2002)

(30) 102 36 925.9 **12 Aug/août 2002** DE
(12.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR IMMOBILIZING MOLECULES ON SURFACES

• PROCEDE POUR IMMOBILISER DES MOLECULES SUR DES SURFACES

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 33/543**

(11) **WO 03/087824** (13) A2

(21) PCT/GB03/01505

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 0208061.2 **8 Apr/avr 2002** GB
(08.04.2002)

(30) 0216516.5 **16 Jul/juil 2002** GB
(16.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORGANIC MOLECULES

• MOLECULES ORGANIQUES

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **G01N 33/543**

(11) **WO 03/087825** (13) A2

(21) PCT/IL03/00257

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) en (26) en

(30) 60/372,432 **16 Apr/avr 2002** US
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, SYSTEM AND KIT FOR DETECTING AN ANALYTE IN A SAMPLE

• METHODE, SYSTEME ET KIT PERMETTANT DE DETECTER UN ANALYTE DANS UN ECHANTILLON

(71) **MATIS MEDICAL INC.** [US/US]; C/O Jeffrey I. Marcus, CPA, Sunrise, FL 33351 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VARON, David** [IL/IL]; 33 Hameyasdim Street, 76965 Kfar Bilu A (IL).

(74) **REINHOLD COHN AND PARTNERS;** P.O.Box 4060, 61040 Tel-Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 33/543, 37/00**

(11) **WO 03/087826** (13) A1

(21) PCT/JP03/03943

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) ja (26) ja

(30) 2002-112934 **16 Apr/avr 2002** JP
(16.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF ANALYZING MOLECULE AND MOLECULE ANALYZER
• PROCEDE D'ANALYSE DE MOLECULE ET ANALYSEUR DE MOLECULE
- (71) NANO SOLUTION, INC. [JP/JP]; 2nd Floor, Green Plaza, 7-20, Komazawa 3-chome, Setagaya-ku, Tokyo 154-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NATSUME, Tohru [JP/JP]; 17-21-103, Meguro 1-chome, Meguro-ku, Tokyo 153-0063 (JP).
- (74) WATANABE, Kaoru; Amano, Watanabe & Associates, Shine-Mita BLDG. 5F 40-4, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) AU CA CN KR SG US.
- (84) EP (AT BE CH DE DK ES FI FR GB IE IT NL PT SE).
-
- (51)⁷ G01N 33/543
- (11) WO 03/087827 (13) A2
- (21) PCT/US02/11620
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MULTI-PARAMETER ASSAYS INCLUDING ANALYSIS DISCS AND METHODS RELATING THERETO
• DOSAGES A PARAMETRES MULTIPLES METTANT EN OEUVRE DES DISQUES D'ANALYSE, ET PROCEDES S'Y RAPPORTANT
- (71) BURSTEIN TECHNOLOGIES, INC. [US/US]; 163 Technology Drive, Suite 200, Irvine, CA 92618 (US).
- (72) GORDON, John, Francis; 20 New Jersey, Irvine, CA 92606 (US).
- (74) DIENER, Michael, A.; Hale and Dorr, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/567, 33/53, 33/569, 33/48, 33/50, G06F 19/00
- (11) WO 03/087828 (13) A1
- (21) PCT/US03/12664
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 60/370,900 8 Apr/avr 2002 (08.04.2002) US
- (30) 60/430,780 4 Dec/déc 2002 (04.12.2002) US
- (30) 10/406,510 3 Apr/avr 2003 (03.04.2003) US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ENHANCED GENE EXPRESSION SYSTEM
• SYSTEME D'EXPRESSION GENIQUE AMELIOREE
- (71) BAYLOR COLLEGE OF MEDICINE [US/US]; Texas Medical Center, One Baylor Plaza, Houston, TX 77030 (US).
- (72) TEMPLETON, Nancy, Smyth; 7777 Greenbriar Drive, Apt. 2081, Houston, TX 77030 (US).
- (74) HALL, Elizabeth, R.; Elizabeth R. Hall & Associates, P.C., 1722 Maryland Street, Houston, TX 77006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/569
- (11) WO 03/087829 (13) A2
- (21) PCT/EP03/03984
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) en (26) en
- (30) 02076494.0 16 Apr/avr 2002 (16.04.2002) EP
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HUMAN PAPILLOMA VIRUS DETECTION WITH DNA MICROARRAY
• DETECTION D'UN PAPILLOMAVIRUS AU MOYEN D'UNE PUCE A ADN
- (71) DOT DIAGNOSTICS B.V. [NL/NL]; Tempelstraat 12A, NL-6641 KV Beuningen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THUNNISSEN, Fredericus, Bernardus, Josephus, Maria [NL/NL]; Tempelstraat 12A, NL-6641 KV Beuningen (NL).
KLAASSEN, Cornelis, Hendrikus, Wilhelm [NL/NL]; De Lingert 51-63, NL-6605 DD Wijchen (NL).
PRINSEN, Clemens, Franciscus, Maria [NL/NL]; De Gildekamp 50-59, NL-6545 LT Nijmegen (NL).
- (74) HUYGENS, Arthur, V.; Octrooibureau Huygens, P.O. Box 86, NL-3400 AB IJsselstein (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/574, C07K 16/00, A61K 38/00, 39/00, 48/00, C12Q 1/68
- (11) WO 03/087831 (13) A2
- (21) PCT/GB03/01559
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01N 33/574
- (11) WO 03/087830 (13) A2
- (21) PCT/DK03/00230
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) PA 2002 00510 8 Apr/avr 2002 (08.04.2002) DK
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TISSUE INHIBITOR OF MATRIX METALLOPROTEINASES TYPE-1 (TIMP-1) AS A POSTOPERATIVE MARKER FOR MINIMAL RESIDUAL DISEASE OR RECURRENT DISEASE IN PATIENTS WITH A PRIOR HISTORY OF CANCER
• INHIBITEUR TISSULAIRE DES METALLOPROTEINASES MATRICIELLES DE TYPE-1 (TIMP-1) EN TANT QUE MARQUEUR POSTOPERATOIRE DE MALADIE RESIDUELLE MINIME OU DE MALADIE RECURRENTE CHEZ DES PATIENTS PRESENTANT DES ANTECEDENTS DE CANCER
- (71) RIGSHOSPITALET [DK/DK]; Blegdamsvej 9, DK-2100 Copenhagen Ø (DK).
HVIDOVRE HOSPITAL [DK/DK]; Kettegård Allé 30, DK-2550 Hvidovre (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOLTEN-ANDERSEN, Mads [DK/DK]; Koldinggade 18, st.th., DK-2100 Copenhagen Ø (DK).
CHRISTENSEN, Ib, Jarle [DK/DK]; Rytterstien 8, DK-3400 Hillerød (DK).
BRÜNNER, Nils [DK/DK]; Brodersens Allé 1, DK-2900 Hellerup (DK).
NIELSEN, Hans, Jørgen [DK/DK]; Ved Hjortekæret 17, DK-2800 Lyngby (DK).
- (74) PLOUGMANN & VINGTOFT A/S; Sundkrogsgade 9, Post Office Box 831, DK-2100 Copenhagen (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208331.9 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTEINS INVOLVED IN BREAST
CANCER• PROTEINES IMPLIQUEES DANS LE
CANCER DU SEIN(71) OXFORD GLYCOSCIENCES (UK) LTD
[GB/GB]; Attn: Mary Gadsden, The Fo-
rum, 86 Milton Park, Abingdon, Oxfordshire
OX14 4RY (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HUDSON, Lyndsey, J [GB/GB]; The
Forum, 86 Milton Park, Abingdon, Oxford-
shire OX14 4RY (GB). STAMPS, Alasdair,
Craig [GB/GB]; The Forum, 86 Milton
Park, Abingdon, Oxfordshire OX14 4RY
(GB). TERRETT, Jonathan, Alexander
[GB/GB]; Oxford GlycoSciences (UK) Ltd,
The Forum, 86 Milton Park, Abingdon, Ox-
fordshire OX14 4RY (GB).(74) BLAKEY, Alison, Jane; Oxford Glyco-
Sciences (UK) Ltd, The Forum, 86 Milton
Park, Abingdon, Oxfordshire OX14 4RY
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G01N 33/574

(11) WO 03/087832 (13) A2

(21) PCT/GB03/01587

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208331.9 11 Apr/avr 2002 GB
(11.04.2002)(30) 0221538.2 17 Sep/sep 2002 GB
(17.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PROTEIN INVOLVED IN CARCI-
NOMA• PROTEINE IMPLIQUEE DANS LE
CARCINOME(71) OXFORD GLYCOSCIENCES (UK) LTD
[GB/GB]; The Forum, 86 Milton Park, Abing-
don, Oxfordshire OX14 4RY (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) TERRETT, Jonathan, Alexander
[GB/GB]; Oxford GlycoSciences (UK) Ltd,
The Forum, 86 Milton Park, Abingdon, Ox-
fordshire OX14 4RY (GB).(74) BLAKEY, Alison, Jane; Oxford Glyco-
Sciences (UK) Ltd, The Forum, 86 Milton
Park, Abingdon, Oxfordshire OX14 4RY
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G01N 33/66

(11) WO 03/087833 (13) A2

(21) PCT/EP03/04041

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 02076501.2 16 Apr/avr 2002 EP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A MARKER FOR MEASURING LIVER
CIRRHOSIS• MARQUEUR DE LA CIRRHOSE DU
FOIE(71) VLAAMS INTERUNIVERSITAIR IN-
STITUUT VOOR BIOTECHNOLOGIE
VZW [BE/BE]; Rijvisschestraat 120, B-9052
Zwijnaarde (BE). UNIVERSITEIT GENT
[BE/BE]; Sint-Pietersnieuwstraat 25, B-9000
Gent (BE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) CALLEWAERT, Nico, Luc, Marc
[BE/BE]; Ketelbuiserstraat 99, B-8810
Lichtervelde (BE). CONTRERAS, Roland,
Henri [BE/BE]; Molenstraat 53, B-9820
Merelbeke (BE).(74) VLAAMS INTERUNIVERSITAIR IN-
STITUUT VOOR BIOTECHNOLOGIE
VZW; Rijvisschestraat 120, B-9052 Zwij-
naarde (BE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G01N 33/68, G06F 17/00, A61K 38/00

(11) WO 03/087834 (13) A2

(21) PCT/CA03/00484

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en

(26) en

(30) 60/370,667 8 Apr/avr 2002 CA
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH THROUGHPUT PURIFICATION,
CHARACTERIZATION AND IDENTI-
FICATION OF RECOMBINANT PRO-
TEINS• PURIFICATION, CARACTERISATION
ET IDENTIFICATION A HAUT REN-
DEMENT DE PROTEINES RECOMBI-
NANTES(71) AFFINIUM PHARMACEUTICALS,
INC. [CA/CA]; 100 University Avenue, 10th
Floor, South Tower, Toronto, Ontario M5J
1V6 (CA).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) EDWARDS, Aled [CA/CA]; 21 Suther-
land Drive, Toronto, Ontario M4G 1H1 (CA).
DHARAMSI, Akil [CA/CA]; 29 Moresby
Street, Richmond Hill, Ontario L4B 4K9
(CA). AWREY, Donald [CA/CA]; 2211 Stür
Crescent, Mississauga, Ontario L4Y 3V2
(CA). MAMELAK, Dan [CA/CA]; 51 Glen-
garry Avenue, Toronto, Ontario M5M 1C8
(CA).(74) NADOR, Anita; BERESKIN & PARR, 40
King Street West, 40th Floor, Toronto, On-
tario M5H 3Y2 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G01N 33/68, C12Q 1/68

(11) WO 03/087835 (13) A1

(21) PCT/CA03/00540

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/123,088 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HAPTOGLOBIN FRAGMENTS DIAG-
NOSTIC OF ALZHEIMERS DISEASE• FRAGMENTS D'HAPTOGLOBINE
POUR DIAGNOSTIQUER LA MALA-
DIE D'ALZHEIMER(71) SYN.PHARMA, INC. [CA/CA]; 1 Marmac
Drive, Toronto, Ontario M9W 1E7 (CA).(72) JACKOWSKI, George; 11725 Keele
Street R1, Kettleby, Ontario L0G 1J0 (CA).
ZHANG, Rulin; 30 Teston Street, Brampton,
Ontario L7A 1Y5 (CA). BROTHERS, Greg;
151 Glendonwynne Road, Toronto, Ontario
M6P 3E8 (CA). KIREEVA, Inga; 21 Keefer
Court, Thornhill, Ontario L4J 5Y1 (CA).
BARKER, Lisa; 51 Hendry Street, Simcoe,

- Ontario N3Y 3M3 (CA). PINCHEV, Deborah; 47 Moonlight Lane, Richmond Hill, Ontario L4C 8K5 (CA).
- (74) SINGLEHURST, John, C.; Finlayson & Singlehurst, 70 Gloucester Street, Ottawa, Ontario K2P 0A2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(s) for all designations / pour toutes les désignations
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- (51)⁷ G01N 33/68
- (11) WO 03/087836 (13) A1
- (21) PCT/CA03/00542
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/371,704 12 Apr/avr 2002 US (12.04.2002)
- (30) 60/379,419 13 May/mai 2002 US (13.05.2002)
- (30) 60/387,570 12 Jun/juin 2002 US (12.06.2002)
- (30) 60/422,891 1 Nov/nov 2002 US (01.11.2002)
- (30) 60/442,556 27 Jan/jan 2003 US (27.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF IDENTIFYING TRANSMEMBRANE PROTEIN-INTERACTING COMPOUNDS
- PROCEDE D'IDENTIFICATION DE COMPOSES AGISSANT AVEC DES PROTEINES TRANSMEMBRANAIRES
- (71, 72) O'DOWD, Brian, F. [CA/CA]; 229 Catalina Drive, Scarborough, Ontario M1E 1B8 (CA). GEORGE, Susan, R. [CA/CA]; c/o 229 Catalina Drive, Scarborough, Ontario M1E 1B8 (CA).
- (74) RAE, Patricia, A.; Sim & McBurney, 6th Floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 23 Oct/oct 2003 (23.10.2003)

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/68, G06F 19/00

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(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,162 16 Apr/avr 2002 US (16.04.2002)

(30) 60/410,628 12 Sep/sep 2002 US (12.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND SYSTEMS FOR DONOR SAMPLE MANAGEMENT AND POOLING FOR USE IN PROTEOMIC STUDIES

• PROCEDES ET SYSTEMES DE GESTION ET DE GROUPEMENT DE PRELEVEMENTS PROVENANT DE DONNEURS, DESTINES A ETRE UTILISEES DANS DES ETUDES PROTEOMIQUES

(71) GENEPROT, INC. [CH/CH]; 2, rue Pré de la Fontaine, Case Postale 125, CH-1217 Meyrin 2 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOCHSTRASSER, Denis [CH/CH]; c/o GeneProt, Inc., 2, Pré de la Fontaine, CH-1217 Meyrin (CH). KUGENER, Veronique [FR/CH]; c/o GeneProt, Inc., 2, Pré de la Fontaine, CH-1217 Meyrin (CH). ROSE, Keith [GB/CH]; c/o GeneProt, Inc., 2, Pré de la Fontaine, CH-1217 Meyrin (CH).

(74) VOSSIUS & PARTNER; Sieberstrasse 4, 81675 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) WO 03/087838 (13) A2

(21) PCT/EP03/04038

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/373,754 18 Apr/avr 2002 US (18.04.2002)

(30) 10/170,317 12 Jun/juin 2002 US (12.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITIONS, METHODS AND KITS FOR IMMUNOCHEMICAL DETERMINATION OF MANNAN-BINDING LECTIN (MBL)

• COMPOSITIONS, PROCEDES ET KITS DESTINES A LA DETERMINATION IMMUNOCHEMIQUE DE LA LECTINE LIANT LE MANNANE (MBL)

(71) ANTIBODYSHOP A/S [DK/DK]; C/O Statens Serum Institut, Artillerivej 5, Building P2, DK-2300 Copenhagen (DK).

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(72, 75) UTTENHAL, Lars, Otto [ES/DK]; Oesterbrogade 52, 2.th., DK-1200 Copenhagen East (DK).

(74) SUER, Steven, Johannes et al. / etc.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68, C12Q 1/68, C07K 1/13

(11) WO 03/087839 (13) A1

(21) PCT/GB03/01485

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 02252440.9 4 Apr/avr 2002 EP (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CHARACTERISING ANALYTES

• PROCEDE DE CARACTERISATION D'ANALYTES

(71) XZILLION GMBH & CO. KG [GB/DE]; Industriepark Höchst, Building G865, 65926 Frankfurt am Main (DE).

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(72, 75) THOMPSON, Andrew, Hugin [GB/GB]; 30 Canterbury Street, Cambridge CB4 3QF (GB). HAMON, Christian [FR/DE]; Luthmerstrasse 49, 65934 Frankfurt am Main (DE). KUHN, Karsten [DE/DE]; Querstrasse 29, 44139 Dortmund (DE). MEYER, Markus [DE/DE]; Buhlstrasse 26A, 37073 Göttingen (DE). JUERGEN, Schafer [DE/DE]; Am Langen Weg 2, 36341 Lauterbach (DE). NEUMANN, Thomas [DE/DE]; Loreleistrasse 26, 65929 Frankfurt am Main (DE).

(74) HILL, Christopher, Michael et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/68

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(21) PCT/GB03/01589

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208332.7 11 Apr/avr 2002 GB (11.04.2002)

(30) 0229875.0 21 Dec/déc 2002 GB (21.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTEIN INVOLVED IN CANCER

• PROTEINE INTERVENANT DANS LE CANCER

(71) OXFORD GLYCOSCIENCES (UK) LTD [GB/GB]; Attn: Mary Gadsden, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

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(72, 75) TERRETT, Jonathan, Alexander [GB/GB]; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(74) BLAKEY, Alison, Jane; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) WO 03/087841 (13) A2

(21) PCT/GB03/01593

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0208089.3 9 Apr/avr 2002 GB (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PROTEIN INVOLVED IN CARCINOMA

• PROTEINE IMPLIQUEE DANS LE CARCINOME

(71) OXFORD GLYCOSCIENCES (UK) LTD [GB/GB]; Attn: Mary Gadsden, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

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(72, 75) BOYD, Robert, Simon [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). FLETCHER, Graham, Charles [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). HUDSON, Lyndsey, J. [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). PATEL, Sonal [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). TERRETT, Jonathan, Alexander [GB/GB]; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(74) BLAKEY, Alison, Jane; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68, 33/50, C12Q 1/68, 1/02

(11) WO 03/087842 (13) A1

(21) PCT/IB02/01342

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE IDENTIFICATION OF MODULATORS OF A SECRETASE ACTIVITY

• PROCEDE POUR IDENTIFIER DES MODULATEURS D'UNE ACTIVITE DE SECRETASE

(71) ESBATECH AG [CH/CH]; Wagistrasse 21, CH-8952 Schlieren (CH).
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(72, 75) BARBERIS, Alcide [CH/CH]; Allensmoosstrasse 64, CH-8057 Zürich (CH). MID-DENDORP, Oliver, Michael [CH/CH]; Hermann Götz Strasse 4, CH-8400 Winterthur (CH). LÜTHI, Urs [CH/CH]; Handgasse 2, CH-8180 Bülach (CH).

(74) E. BLUM & CO.; Vorderberg 11, CH-8004 Zurich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/74, A61K 38/00

(11) WO 03/087843 (13) A2

(21) PCT/EP03/03425

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 02008160.0 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH MAS RELATED GENE F (MRGF)

• MOYENS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES AU RECEPTEUR MRGF

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). SUMMER, Holger [DE/DE]; Borsigstr. 6, 42113 Wuppertal (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/92, 24/00

(11) WO 03/087844 (13) A1

(21) PCT/US03/11375

- (22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 10/122,081 12 Apr/avr 2002 US (12.04.2002)
(30) 60/390,796 21 Jun/juin 2002 US (21.06.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • A METHOD FOR IDENTIFYING AT RISK CARDIOVASCULAR DISEASE PATIENTS
• PROCEDE PERMETTANT D'IDENTIFIER DES PATIENTS PRESENTANT DES RISQUES DE MALADIES CARDIO-VASCULAIRES
(71) BERKELEY HEARTLAB, INC. [US/US]; 839 Mitten Road, Burlingame, CA 94010 (US).
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(72, 75) SHEWMAKE, David [US/US]; 419 Baden Street, San Francisco, CA 94131-2831 (US). RUDERMAN, Frank [US/US]; 248 Bayview Drive, San Carlos, CA 94070 (US). BOGGESS, Christopher [US/US]; 419 A Washington Boulevard, San Francisco, CA 94611-2046 (US). CLENDENEN, Faith [US/US]; 6242 Robin Hood Way, Oakland, CA 94611-2046 (US).
(74) MCDONNELL, John, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker, Suite 3200, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ G01P
(11) WO 03/087845 (13) A2
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(22) 16 Apr/avr 2003 (16.04.2003)
(25) de (26) de
(30) 102 17 435.0 18 Apr/avr 2002 DE (18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND DEVICE FOR THE DETECTION OF LOCAL DISPLACEMENTS AND ROTATIONS
• PROCEDE ET DISPOSITIF POUR LA DETECTION DE DEPLACEMENTS LOCAUX ET DE ROTATIONS
(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/Main (DE).
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(72, 75) LOHBERG, Peter [DE/DE]; Am Ringelsberg 7, 61381 Friedrichsdorf (DE).
(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt/Main (DE).
(81) CN DE JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
(51)⁷ G01P 3/44, 21/02, F16H 61/00, 7/18, 57/04
(11) WO 03/087846 (13) A2
(21) PCT/DE03/01196
(22) 10 Apr/avr 2003 (10.04.2003)
(25) de (26) de
(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)
(30) 102 16 544.0 15 Apr/avr 2002 DE (15.04.2002)
(30) 102 21 700.9 16 May/mai 2002 DE (16.05.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD FOR DETERMINING THE ROTATIONAL SPEED OF A PART, ASCERTAINING THE SLIPPING OF A CONTINUOUSLY VARIABLE TRANSMISSION (CVT), AND FOR CONTROLLING A CVT, AND A CONICAL DISC FLEXIBLE DRIVE TRANSMISSION
• PROCEDE POUR DETERMINER LA VITESSE DE ROTATION D'UN COMPOSANT, POUR DETERMINER LE GLISSEMENT D'UNE TRANSMISSION TVC ET POUR COMMANDER UNE TRANSMISSION TVC, ET TRANSMISSION A ENGRENEMENT DE ROUES CONIQUES
(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
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(72, 75) BITZER, Franz [DE/DE]; Saint-Die-Strasse 31, 88045 Friedrichshafen (DE). VORNEHM, Martin [DE/DE]; Im Grün 47, 77815 Bühl (DE). LAUINGER, Christian [DE/DE]; Ooser Sternstrasse 1, 76532 Baden-Baden (DE). REUSCHEL, Michael [DE/DE]; Läuferbergweg 3, 77833 Ottersweier (DE). SPÄTH, Christian [DE/DE]; Donaustasse 17, 76199 Karlsruhe (DE). ANGELE, Christoph [DE/DE]; Volkartstrasse 16, 80634 München (DE). PFUND, Thomas [DE/DE]; Falkenstrasse 3, 76547 Leiberstung (DE). LINNENBRÜGGER, André [DE/DE]; Winzerkeller Strasse 3a, 77815 Bühl (DE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ G01P 21/00
(11) WO 03/087848 (13) A1
(21) PCT/IP03/04130
(22) 31 Mar/mar 2003 (31.03.2003)
(25) ja (26) ja
(30) 2002-097189 29 Mar/mar 2002 JP (29.03.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • CALIBRATION EVALUATION METHOD AND DEVICE FOR ACCELERATION SENSOR
• PROCEDE D'EVALUATION D'ETALONNAGE ET DISPOSITIF POUR CAPTEUR D'ACCELERATION
(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) UMEDA, Akira [JP/JP]; 3-35-8-103, Wada, Suginami-ku, Tokyo 166-0012 (JP).
DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ G01P 13/02, 5/14, B64D 43/02
(11) WO 03/087847 (13) A1
(21) PCT/US03/10803
(22) 8 Apr/avr 2003 (08.04.2003)
(25) en (26) en
(30) 10/120,034 10 Apr/avr 2002 US (10.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SENSOR FOR MEASURING WIND ANGLE
• DETECTEUR DE MESURE D'UN ANGLE AU VENT
(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(72) ROUSE, Gordon, F.; 3337 Lake Johanna Boulevard, Arden Hills, MN 55112 (US). DUPUIS, Paul, B.; 5612 W. Parkview Lane, Glendale, AZ 85310 (US).
(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01P 21/00

(11) WO 03/087849 (13) A1

(21) PCT/JP03/04131

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-97190 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR MEASURING DYNAMIC LINEARITY OF ACCELERATION SENSOR

• PROCEDE ET DISPOSITIF DE MESURE DE LINEARITE DYNAMIQUE D'UN CAPTEUR D'ACCELERATION

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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(72, 75) UMEDA, Akira [JP/JP]; 3-35-8-103, Wada, Suginami-ku, Tokyo 166-0012 (JP).

(74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01P 21/00

(11) WO 03/087850 (13) A1

(21) PCT/JP03/04132

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-097191 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FREQUENCY CHARACTERISTICS MEASURING METHOD AND DEVICE FOR ACCELERATION SENSOR

• PROCEDE DE MESURE DE CARACTERISTIQUES DE FREQUENCE ET DISPOSITIF POUR CAPTEUR D'ACCELERATION

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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(74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R

(11) WO 03/087851 (13) A2

(21) PCT/US03/07370

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 10/121,541 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SENSOR FOR BIOPOTENTIAL MEASUREMENTS

• DETECTEUR POUR MESURES DE BIOPOTENTIEL

(71) EPM DEVELOPMENT SYSTEMS CORPORATION [US/US]; One Park West Circle, Suite 303, Midlothian, VA 23113-4518 (US).

(72) MITCHELL, James; 12604 Swanhurst Circle, Midlothian, VA 23113 (US). LICATA, Mark, J.; 11504 River Edge Road, Doswell, VA 23047 (US). BURTON, Steve; 5212 Highberry Wood Road, Midlothian, VA 23112 (US).

(74) THOMAS, John, H.; John H. Thomas, P.C., 1561 East Main Street, Richmond, VA 23219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 1/06, H01L 21/66

(11) WO 03/087852 (13) A1

(21) PCT/JP03/04837

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113485 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-126875 26 Apr/avr 2002 JP (26.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOLDER FOR CONDUCTIVE CONTACT

• SUPPORT DESTINE A UN CONTACT CONDUCTEUR

(71) NHK SPRING CO., LTD. [JP/JP]; 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).

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(72, 75) KAZAMA, Toshio [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP). NAGAYA, Mitsuhiro [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP). SOTOMA, Hiroyasu [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 1/06, H01L 21/66

(11) WO 03/087853 (13) A1

(21) PCT/JP03/04838

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113485 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOLDER FOR CONDUCTIVE CONTACT

• SUPPORT DESTINE A UN CONTACT CONDUCTEUR

(71) NHK SPRING CO., LTD [JP/JP]; 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAZAMA, Toshio [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 1/06, H01L 21/66

(11) WO 03/087854 (13) A1

(21) PCT/JP03/04839

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-113691 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONDUCTIVE CONTACT
• CONTACT CONDUCTEUR

(71) NHK SPRING CO., LTD [JP/JP]; 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAZAMA, Toshio [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 19/00, 15/20, H02P 7/29

(11) WO 03/087855 (13) A1

(21) PCT/DK03/00243

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) PA 2002 00572 17 Apr/avr 2002 DK (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MEASURING CURRENTS IN A MOTOR CONTROLLER AND MOTOR CONTROLLER USING SUCH METHOD

• PROCEDE DE MESURE DE COURANTS DANS UN CONTROLEUR DE MOTEUR ET CONTROLEUR DE MOTEUR UTILISANT CE PROCEDE

(71) DANFOSS DRIVES A/S [DK/DK]; Ulsnaes 1, DK-6300 Grasten (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSEN, Henrik, Rosendal [DK/DK]; Hjortvej 4, DK-6300 Graasten (DK).

(74) DANFOSS A/S; Patent Department, DK-6430 Nordborg (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HR HU IL IN IS JP KR KZ LT LU LV MD MK MX NO NZ PL PT RO RU SE SG SK TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01R 27/28, 35/00

(11) WO 03/087856 (13) A1

(21) PCT/JP03/04892

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-115265 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NETWORK ANALYZER, NETWORK ANALYZING METHOD, AUTOMATIC CORRECTOR, CORRECTING METHOD, PROGRAM, AND RECORDING MEDIUM

• ANALYSEUR DE RESEAU, PROCEDE D'ANALYSE DE RESEAU, CORRECTEUR AUTOMATIQUE, PROCEDE DE CORRECTION, PROGRAMME, ET SUPPORT D'ENREGISTREMENT

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).
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(72, 75) NAKAYAMA, Yoshikazu [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).
HARUTA, Masato [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) HOSODA, Masutoshi; NEW ATT BLDG. 7F, 11-7, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

(51)⁷ G01R 29/00

(11) WO 03/087857 (13) A2

(21) PCT/CH03/00260

(22) 17 Apr/avr 2003 (17.04.2003)

(25) de (26) de

(30) 657/02 18 Apr/avr 2002 CH (18.04.2002)

(30) 2013/02 30 Nov/nov 2002 CH (30.11.2002)

(30) 78/03 20 Jan/jan 2003 CH (20.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PICKING-UP AND PROCESSING INTERFERENCE FIELDS AND INTERFERENCE BEAMS

• PROCEDE ET DISPOSITIF POUR ENREGISTRER ET TRAITER DES CHAMPS PARASITES ET DES RAYONS PARASITES

(71) ACKERMANN PATENT GMBH [CH/CH]; Egghalde, CH-9231 Egg-Flawil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACKERMANN, René [CH/CH]; Egghalde, CH-9231 Egg-Flawil (CH).

(74) ACKERMANN, Ernst; Egghalde, CH-9231 Egg-Flawil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 31/28

(11) WO 03/087858 (13) A1

(21) PCT/US03/11116

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,673 12 Apr/avr 2002 US (12.04.2002)

(30) 10/207,094 30 Jul/juil 2002 US (30.07.2002)

(30) 10/206,943 30 Jul/juil 2002 US (30.07.2002)

(30) 10/207,196 30 Jul/juil 2002 US (30.07.2002)

(30) 10/207,093 30 Jul/juil 2002 US (30.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TEST SYSTEM RIDER BOARD UTILIZED FOR AUTOMATED AT-SPEED TESTING

• PANNEAU A CAVALIER DE SYSTEME D'ESSAI UTILISE POUR DES ESSAIS A VITESSE REELLE AUTOMATIQUES

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(72) EVANS, Andrew, C.; 10 Diamondgate, Aliso Viejo, CA 92656 (US).

(74) SOKOHL, Robert, E. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New

York Avenue, N.W., Washington, DC 20005-3934 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G01R 33/038, G11B 9/00

(11) WO 03/087859 (13) A1

(21) PCT/NL03/00193

(22) 17 Mar/mar 2003 (17.03.2003)

(25) nl (26) en

(30) 1020327 8 Apr/avr 2002 NL (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROBE FOR MAGNETIC FORCE MICROSCOPY AND METHOD OF PREPARING SUCH A PROBE

• SONDE POUR MICROSCOPIE A FORCE MAGNETIQUE ET PROCEDE DE FABRICATION

(71) STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PHILLIPS, Gavin, Nicholas [NL/NL]; Dion de Karthuizerstraat 24, NL-5643 RX Eindhoven (NL). ABELMANN, Leon [NL/NL]; Springendalhoek 21, NL-7546 GS Enschede (NL). LODDER, Jacobus, Christiaan [NL/NL]; Schubertlaan 12, NL-7522 JR Enschede (NL).

(74) VAN BREDA, Jacques; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 33/34

(11) WO 03/087860 (13) A1

(21) PCT/US03/08472

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/122,055 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NMR RESONATORS OPTIMIZED FOR HIGH Q FACTOR

• RESONATEURS A RESONANCE MAGNETIQUE NUCLEAIRE OPTIMISES POUR FACTEUR Q ELEVE

(71) VARIAN, INC. [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).

(72) DE SWIET, Thomas; 2013 Washington Avenue, Redwood City, CA 94061 (US). WONG, Wai, Ha; 1134 Bentoak Lane, San Jose, CA 95129 (US). ROMO, Marco; 17990 Joseph Drive, Castro Valley, Ca 94546 (US). FINNIGAN, James; 903 Bing Drive, Santa Clara, CA 95051 (US). BURNS, Sean; 541 Del Medio Avenue, #119, Mountain View, CA 94040 (US).

(74) FISHMAN, Bella et al. / etc.; Varian, Inc., Legal Department, D-102, 3120 Hansen Way, Palo Alto, CA 93404 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01R 33/38, 33/341, G01N 24/08

(11) WO 03/087861 (13) A1

(21) PCT/EP03/03823

(22) 12 Apr/avr 2003 (12.04.2003)

(25) de (26) de

(30) 102 16 587.4 14 Apr/avr 2002 DE (14.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NMR PROBE USED TO ANALYZE MATERIALS

• SONDE D'IMAGERIE PAR RESONANCE MAGNETIQUE CONCUE POUR DES ANALYSES DE MATERIAU

(71, 72) BLÜMICH, Bernhard [DE/DE]; Bergstrasse 31, 52159 Roetgen (DE). BRUDER, Michael [DE/DE]; Am Knill 65, 22147 Hamburg (DE).

(72, 75) ANFEROV, Vladimir [RU/RU]; Pr.Kalinina 73, Apt.11, Kaliningrad, 236039 (RU). ANFEROVA, Sophia [RU/RU]; Pr.Kalinina 73 Apt.11, Kaliningrad 236039 (RU). FECHETE, Radu [RO/RO]; B-dul 1848 Nr.39, Apt.5, R-4300 TG-Mures (RO). KLEIN, Martin [DE/DE]; Kleinmarschierstr. 37, 52062 Aachen (DE). KRAUSE, Karl-Heinz [DE/DE]; Berbisdorfer Kirchweg 12, 09123 Chemnitz (DE). RABKIN, Michael [DE/DE]; Peterskampweg 32, 22089 Hamburg (DE). STANGENBERG, Jürgen [DE/DE]; Küsterweg 39, 21079 Hamburg (DE).

(74) METZ, Siegfried; Bergstr. 2, 52159 Roetgen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01R 33/385

(11) WO 03/087862 (13) A1

(21) PCT/DE03/01054

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 102 15 986.6 11 Apr/avr 2002 DE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENCAPSULATION OF A MAGNETIC RESONANCE TOMOGRAPHY DEVICE FOR ATTENUATION OF LOW SOUND FREQUENCIES

• ENCAPSULAGE D'UN APPAREIL DE TOMOGRAPHIE PAR RESONANCE MAGNETIQUE POUR L'AMORTISSEMENT DE BASSES FREQUENCES MAGNETIQUES

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARZ, Winfried [DE/DE]; Schnieglinger Str. 185, 90427 Nürnberg (DE). DIETZ, Peter [DE/DE]; Dombühler Str. 10, 90449 Nürnberg (DE). DISTLER, Peter [DE/DE]; Kneippstr. 13A, 91056 Erlangen (DE). FRANZKE, Udo [DE/DE]; Rosenbacher Str. 3, 91080 Uttenreuth-Weiher (DE). WEBER, Matthias [DE/DE]; Marienstr. 16, 90762 Fürth (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ G01R 33/385

(11) WO 03/087863 (13) A1

(21) PCT/EP03/03687

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 16 493.2 13 Apr/avr 2002 DE (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR CONTROLLING AMPLIFIERS FOR INDUCTIVE LOADS
• PROCEDE POUR COMMANDER DES AMPLIFICATEURS AVEC DES CHARGES INDUCTIVES
- (71) UNIVERSITÄT LEIPZIG [DE/DE]; Ritterstrasse 26, 04109 Leipzig (DE).
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- (72, 75) GALVOSAS, Petrik [DE/DE]; Blümn-
erstrasse 6, 04229 Leipzig (DE). SEIFFERT,
Günter [DE/DE]; Weissdornstrasse 84,
04209 Leipzig (DE). STALLMACH, Frank
[DE/DE]; Springerstrasse 32, 04105 Leipzig
(DE).
- (74) MÜLLER, Volkmar; Könnertitzstrasse 114,
04229 Leipzig (DE).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G01R 33/561
- (11) WO 03/087864 (13) A1
- (21) PCT/IB03/01264
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 02076502.0 16 Apr/avr 2002 EP
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • T1-WEIGHTED MULTIECHO MAG-
NETIC RESONANCE IMAGING
• IMAGERIE PAR RESONANCE
MAGNETIQUE MULTIECHO A
T<SB>1</SB> PONDERE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)
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c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). VAN DEN BRINK, Johan, S.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).
- (74) COHEN, Julius, S.; Internationaal Oc-
troibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G01S
- (11) WO 03/087865 (13) A2
- (21) PCT/US03/10078
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 10/117,133 8 Apr/avr 2002 US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TIME DOMAIN INDUCTION METHOD
AND APPARATUS FOR LOCATING
BURIED OBJECTS IN A MEDIUM BY
INDUCING AND MEASURING TRAN-
SIENT EDDY CURRENTS
• PROCEDE D'INDUCTION DE DO-
MAINE TEMPOREL, ET DISPOSITIF
POUR LA LOCALISATION D'OB-
JETS ENTERRES DANS UN MILIEU
PAR INDUCTION ET MESURE DE
COURANTS DE FOUCAULT TRANSI-
TOIRES
- (71) WITTEN TECHNOLOGIES INC.
[US/US]; 295 Huntington, Ave., Suite 203,
Boston, MA 02115 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HANSEN, Thorkild [DK/US]; 2000
Commonwealth Avenue, Apt. 1008,
Brighton, MA 02135 (US). ORISTAGLIO,
Michael, L. [US/US]; 8 Stonewall Ridge
Road, Newton, CT 06470 (US).
- (74) HALL, Eric, B.; Fulbright & Jaworski
L.L.P., 1301 McKinney, Suite 5100, Houston,
TX 77010-3095 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G01S
- (11) WO 03/087866 (13) A2
- (21) PCT/US03/10594
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (30) 10/117,002 5 Apr/avr 2002 US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • BICYCLE DATA ACQUISITION SYS-
TEM
• SYSTEME D'ACQUISITION DE DON-
NEES RELATIVES A UNE BICY-
CLETTE
- (71, 72) GENTILCORE, Michael, Leonard
[US/US]; 821 Keiffer Street, Bethlehem, PA
18015 (US).
- (74) MORRIS, Terry, Baird; Tomeny & Fisher,
6709 Perkins Road, Baton Rouge, LA 70808
(US).

- (81) AU BR CA CN JP KR MX NZ SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- (51)⁷ G01S
- (11) WO 03/087867 (13) A2
- (21) PCT/US03/11139
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/120,655 10 Apr/avr 2002 US
(10.04.2002)
- (30) 10/189,824 3 Jul/juil 2002 US
(03.07.2002)
- (30) 60/419,805 18 Oct/oct 2002 US
(18.10.2002)
- (30) 60/422,808 31 Oct/oct 2002 US
(31.10.2002)
- (30) 10/384,967 8 Mar/mar 2003 US
(08.03.2003)
- (30) 10/409,254 8 Apr/avr 2003 US
(08.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • EXTREME ULTRAVIOLET LIGHT
SOURCE
• SOURCE LUMINEUSE ULTRAVIO-
LETTE EXTREME
- (63) US 60/419,805 (CON)
18 Oct/oct 2002 (18.10.2002)
- (71) CYMER, INC. [US/US]; 17075 Thornmint
Court, San Diego, CA 92127 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MELNYCHUK, Stephen, T. [US/US];
3754 Caldera Place, Carlsbad, CA 92008
(US). PARTLO, William, N. [US/US];
12634 Pedriza Drive, Poway, CA 92064
(US). FOMENKOV, Igor, V. [RU/US];
14390 Janal Way, San Diego, CA 92129
(US). OLIVER, I., Roger [GB/US]; 3944
Carson Street, San Diego, CA 92117 (US).
NESS, Richard, M. [US/US]; 9248 Citrus
View Court, San Diego, CA 92126 (US).
BOWERING, Norbert [US/US]; 11846
Stoney Peak Drive, Apartment 636, San
Diego, CA 92128 (US). KHODYKIN, Oleh
[UA/US]; 10812 Poblado Road, Apartment
4, San Diego, CA 92127 (US). RETTIG,
Curtis, L. [US/US]; 1589 Madrid Drive,
Vista, CA 92083 (US). BLUMENSTOCK,
Gerry, M. [US/US]; 11328 Spring Meadow
Lane, San Diego, CA 92128 (US). DYER,
Timothy, S. [US/US]; 3706 Via del Rancho,
Oceanside, CA 92056 (US). SIMMONS,
Rodney, D. [GB/US]; 13211 Deron Avenue,
San Diego, CA 92129 (US). HOFFMAN,
Jerzy, R. [US/US]; 2149 Firethorn Glen,
Escondido, CA 92027 (US). JOHNSON,
R., Mark [US/US]; 16202 Dartolo Road,
Ramona, CA 92065 (US).
- (74) CRAY, William; Cymer, Inc., Legal Dept.
MS/1-2A, 16750 Via Del Campo Court, San
Diego, CA 92127-1712 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01S

(11) WO 03/087868 (13) A2

(21) PCT/US03/07844

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/369,881 5 Apr/avr 2002 US
(05.04.2002)

(30) 10/237,175 9 Sep/sep 2002 US
(09.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRASONIC TRANSMITTER AND
RECEIVER SYSTEMS AND PROD-
UCTS USING THE SAME

• SYSTEMES D'EMETTEUR ET DE RE-
CEPTEUR ULTRASONIQUES ET PRO-
DUITS LES UTILISANT

(71) BEEZERBUG INCORPORATED
[US/US]; 2448 N. Rose Street, Mesa, AZ
85213 (US).

(72) FORCIER, Robert; 2448 N. Rose Street,
Mesa, AZ 85213 (US). BRANTNER, Paul;
29259 Thunderbolt Circle, Conifer, CO
80433 (US).

(74) KURTZ, Richard et al. / etc.; 1750 Tysons
Blvd., 12th Floor, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01S 5/00, H04Q 7/38

(11) WO 03/087869 (13) A1

(21) PCT/US03/11074

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,329 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR
CALCULATING A REPRESENTATIVE
DISTANCE MEASUREMENT FROM A
MULTIPATH SIGNAL COMPRISING
MULTIPLE ARRIVALTIMES

• PROCEDE ET APPAREIL PERMET-
TANT DE CALCULER UNE MESURE
DE DISTANCE REPRESENTATIVE A
PARTIR DE SIGNAUX DE TRAJETS

MULTIPLES COMPRENANT DE MUL-
TIPLES TEMPS D'ARRIVEE

(71) QUALCOMM, INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).

(72) RICK, Roland, R.; 11456 Northwick Way,
San Diego, CA 92131 (US). STEIN, Jeremy,
M.; Na'amat Street 19, 34670 Haifa (IL).
AMERGA, Messay; 8929 Lombard Place,
#119, San Diego, CA 92122 (US). FER-
NANDEZ-CORBATON, Ivan, Jesus; 1134
Felspar Street, Apt. 2, San Diego, CA 92109
(US). RISTIC, Borislav; 7981 Playmor Ter-
race, San Diego, CA 92122 (US). BHATIA,
Ashok; 1714 Grove Street, Apt. #8, San
Diego, CA 92102 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01S 5/14, 5/00

(11) WO 03/087870 (13) A1

(21) PCT/EP02/10544

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR AUG-
MENTATION OF SATELLITE POSI-
TIONING SYSTEMS

• SYSTEME ET PROCEDE D'AUGMEN-
TATION DE SYSTEMES DE POSITION-
NEMENT PAR SATELLITES

(71) ALCATEL [FR/FR]; 54, rue la Boétie,
F-75008 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DUNAS, Etienne [FR/FR]; Alcatel
Space Industries, 26, Avenue J.F. Cham-
pollion, F-31037 Toulouse Cedex (FR).
ROGHI, Philippe [FR/FR]; Alcatel Space
Industries, 26, avenue J.F. Champollion,
F-31037 Toulouse Cedex (FR).

(74) SHAMSAEI, Hassan, et al. / etc.; Com-
pagnie Financière Alcatel, DPI, 5, Rue Noël
Pons, F-92734 Nanterre (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G01S 5/30, 15/74, 15/87

(11) WO 03/087871 (13) A1

(21) PCT/NO03/00106

(22) 28 Mar/mar 2003 (28.03.2003)

(25) no (26) en

(30) 20021672 9 Apr/avr 2002 NO
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SYSTEM AND METHOD FOR POSI-
TION DETERMINATION OF OBJECTS

• SYSTEME ET PROCEDE PERMET-
TANT DE DETERMINER L'EMPLACE-
MENT D'OBJETS

(71) FILETRAC AS [NO/NO]; P.O.Box 124
Blindern, N-0314 Oslo (NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOLM, Sverre [NO/NO]; Dæliveien
1, N-1383 Asker (NO). HOLM, Rune
[NO/NO]; Dæliveien 1, N-1383 Asker (NO).
HOVIND, Ole [NO/NO]; Ostedsveien 60,
N-0753 Oslo (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs
plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01S 7/40, G01R 29/10, H01Q 3/26

(11) WO 03/087872 (13) A1

(21) PCT/SE03/00591

(22) 11 Apr/avr 2003 (11.04.2003)

(25) sv (26) en

(30) 0201094-0 11 Apr/avr 2002 SE
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR VERIFYING DYNAMI-
CALLY A MULTIPLE BEAM AN-
TENNA PLACED ON A VEHICLE

• PROCEDE DE VERIFICATION DYNA-
MIQUE D'UNE ANTENNE MULTI-
FAISCEAU PLACEE SUR UN VEHI-
CULE

(71) TOTALFÖRSVARETS FORSKN-
INGSINSTITUT [SE/SE]; S-172 90 Stock-
holm (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **ENEROTH, Anders** [SE/SE]; Örtomta Ringkullavägen 14, S-590 62 (SE).

(74) **FÖRSVARETS MATERIELVERK**; Paten-
tenheten, S-115 88 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **G01S 7/497, 7/40**

(11) **WO 03/087873** (13) A1

(21) PCT/EP03/03801

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 17 295.1 **18 Apr/avr 2002** DE
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DETERMINATION OF THE ORIEN-
TATION OF AN OPTO-ELECTRONIC
SENSOR
• DETERMINATION DE L'ORIENTA-
TION D'UN CAPTEUR OPTOELEC-
TRONIQUE

(71) **IBEO AUTOMOBILE SENSOR GMBH**
[DE/DE]; Fahrenkrön 125, 22179 Hamburg
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LAGES, Ulrich** [DE/DE]; Bockhorster
Höhe 113, 21031 Hamburg (DE). **WILL-
HOEFT, Volker** [DE/DE]; Jarrestrasse 62,
22303 Hamburg (DE).

(74) **PELLKOFER, Dieter**; MANITZ, FIN-
STERWALD & PARTNER GBR, Postfach
31 02 20, 80102 München (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **G01S 13/93, B60Q 1/48**

(11) **WO 03/087874** (13) A1

(21) PCT/EP03/01111

(22) **5 Feb/fév 2003 (05.02.2003)**

(25) de (26) de

(30) 102 16 346.4 **13 Apr/avr 2002** DE
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PARKING ASSISTANCE SYSTEM FOR
VEHICLES AND CORRESPONDING
METHOD

• SYSTEME D'AIDE AU STATIONNE-
MENT POUR VEHICULES ET PRO-
CEDE CORRESPONDANT

(71) **VALEO SCHALTER UND SENSOREN
GMBH** [DE/DE]; Stuttgarter Strasse 119,
74321 Bietigheim-Bissingen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **GOTZIG, Heinrich** [DE/DE]; Som-
merau 38/2, 74081 Heilbronn (DE). **HUR-
TADO, Miguel** [MX/US]; 227-1 Arnold
Drive, Apt. 1, West Lafayette, IN 47906
(US). **JECKER, Nicolas** [DE/DE]; Schelz-
torstrasse 24-1, 73728 Esslingen (DE). **LILL,
Anton** [DE/DE]; Krebsserweg 7, 74348 Lauf-
fen (DE).

(74) **BULLING, Alexander**; Dreiss, Fuhlendorf,
Steimle & Becker, Postfach 103762, 70032
Stuttgart (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ **G01S 15/00, 17/89, 7/497, 7/481**

(11) **WO 03/087875** (13) A1

(21) PCT/DE03/01147

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) de (26) de

(30) 102 16 405.3 **12 Apr/avr 2002** DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR GENERATING A THREE-
DIMENSIONAL AMBIENT IMAGE

• DISPOSITIF POUR CRÉER L'IMAGE
TRIDIMENSIONNELLE D'UN ENVI-
RONNEMENT

(71) **IQSUN GMBH** [DE/DE]; Königsallee 35,
71638 Ludwigsburg (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **BECKER, Reinhard** [DE/DE]; Merg-
entheimerstrasse 7, 71642 Ludwigsburg
(DE). **HÖFLER, Heinrich** [DE/DE];
Hans-Sachs-Strasse 37, 79331 Teningen
(DE). **SUTORIUS, Andreas** [DE/DE];
Sonnhalde 11, 79183 Waldkirch (DE).
WÖLFELSCHNEIDER, Harald [DE/DE];
Kaiserstuhlstrasse 21, 79279 Vörstetten (DE).

(74) **RÜTTGERS, Joachim**; Rackette Partner-
schaft Patentanwälte, Kaiser-Joseph-Strasse
179, Postfach 13 10, 79013 Freiburg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ **G01S 17/00**

(11) **WO 03/087876** (13) A2

(21) PCT/US03/10367

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 10/117,445 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWER SCALABLE OPTICAL SYS-
TEMS FOR GENERATING, TRANS-
PORTING, AND DELIVERING HIGH
POWER, HIGH QUALITY LASER
BEAMS

• SYSTEMES OPTIQUES A PUISSANCE
VARIABLE, SERVANT A PRODUIRE,
TRANSPORTER ET ACHEMINER DES
FAISCEAUX LASER DE PUISSANCE
ET DE QUALITE ELEVEES

(71) **COHERENT TECHNOLOGIES, INC.**
[US/US]; 135 S. Taylor Avenue, Louisville,
CO 80027 (US).

(72) **SMITH, Duane, D.**; 122 Crestview Court,
Louisville, CO 80027 (US). **PELOUCH,
Wayne, S.**; 600 Crabapple Way, McKinney,
TX 75070 (US). **PRASAD, Narasimha,
S.**; 2748 Hughes Drive, Erie, CO 80516
(US). **UNTERNAEHRER, Josef**; 28770
Blue Jay Way, Lafayette, CO 80026 (US).
KOROSHETZ, John; 965 Ash Street,
Broomfield, CO 80020 (US). **MCKINNIE,
Iain**; 157 Mohawk Circle, Superior, CO
80027 (US).

(74) **YOUNG, James, R. et al.** / etc.; Faegre &
Benson LLP, 1900 Fifteenth Street, Boulder,
CO 80302 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations

(51)⁷ **G01T 1/36, 1/204**

(11) **WO 03/087877** (13) A1

(21) PCT/RU02/00454

(22) **15 Oct/oct 2002 (15.10.2002)**

- (25) ru (26) ru
- (30) 2002109407 **12 Apr/avr 2002** RU
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR LIQUID SCINTILLATION ALPHA-SPECTROMETRIC COUNTING OF RADIONUCLIDE ACTIVITY
- PROCEDE DE MESURE DE L'ACTIVITE DES RADIONUCLEIDES PAR ALPHA-SPECTROMETRIE A SCINTILLATION LIQUIDE
- (71) THE FEDERAL STATE UNITARIAN ENTERPRISE "A.A. BOCHVAR ALL-RUSSIA RESEARCH INSTITUTE OF INORGANIC MATERIALS" [RU/RU]; ul. Rogova, 5a, Moscow, 123060 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EGOROV, Viktor Nikolaevich [RU/RU]; Peschany per., 4-43, Moscow, 125252 (RU). KOLOMEITSEV, Georgy Yurievich [RU/RU]; ul. Tallinskaya, 19-1-44, Moscow, 123458 (RU). POLUEKTOV, Pavel Petrovich [RU/RU]; 6-i Novopodmoskovhy per., 3-235, Moscow, 125565 (RU). CHIRIN, Nikolai Alexeevich [RU/RU]; shosse Entuziastov, 100-4-411, Moscow, 111531 (RU).
- (74) FORSTMAN, Vladimir Alexandrovich; a/ya 369, VNIINM, Moscow, 123060 (RU).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G01V 1/38, 1/36
- (11) WO 03/087878 (13) A1
- (21) PCT/EP03/04230
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) en (26) en
- (30) 60/372,960 **16 Apr/avr 2002** US
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MARINE TIME-LAPSE SEISMIC SURVEYING
- ETUDES SISMIQUES MARINES ECHELONNEES DANS LE TEMPS
- (71) SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA)
- (71) SHELL CANADA LIMITED [CA/CA]; 400- 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). WILLS, Peter, Berkeley [/]; Volmerlaan, 8eet, NL-2288 GD Rijswijk (NL).
(only for / seulement pour CA)
- (72) CALVERT, Rodney, William; 2209 Gostick, Houston, TX 77008 (US).
- (74) SHELL International B.V.; Intellectual Property Service, PO Box 384, NL - 2501 CJ The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G01V 3/00
- (11) WO 03/087879 (13) A1
- (21) PCT/US03/10202
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 60/369,854 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CRYOGENICALLY COOLED PHASED ARRAY RF RECEIVER COIL FOR MAGNETIC RESONANCE IMAGING
- BOBINE DE RECEPTEUR RF A COMMANDE DE PHASE A REFROIDISSEMENT CRYOGENIQUE POUR IMAGERIE PAR RESONANCE MAGNETIQUE
- (71) UNIVERSITY OF ROCHESTER [US/US]; 518 Hylan Building, Rochester, NY 14627 (US).
- (72) KWOK, Edmund, Wingchi; 938 Goler House, Rochester, NY 14620 (US). YOU, Zhigang; 263 Quinby Road, Rochester, NY 14623 (US). ZHONG, Jianhui; 2 Sutton Point, Pittsford, NY 14634 (US).

- (74) GREENBAUM, Michael, C.; Blank Rome LLP, 900 17th Street, N.W., Suite 1000, Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G01V 3/00
- (11) WO 03/087880 (13) A1
- (21) PCT/US03/11296
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/372,003 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD OF MAGNETIC RESONANCE IMAGING

• SYSTEME ET PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

- (71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 E. California Blvd., Mail Code 201-85, Pasadena, CA 91125 (US).
- (72) BARBIC, Mladen; 1650 Amberwood Drive, Apt. D, South Pasadena, CA 91030 (US).
- (74) FALLON, Steven, P. et al. / etc.; Greer, Burns & Crain, Ltd., Suite 2500, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G01V 3/08
- (11) WO 03/087881 (13) A1
- (21) PCT/US03/09815
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 10/117,093 **8 Apr/avr 2002** US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR LOCATING OBJECTS USING PARAMETRIC INVERSION
- PROCEDE ET APPAREIL DE REPERAGE D'OBJETS AU MOYEN D'UNE INVERSION PARAMETRIQUE
- (71) WITTEN TECHNOLOGIES INC. [US/US]; 295 Huntington Avenue, Suite 2013, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ORISTAGLIO, Michael, L. [US/US]; 8 Stonewall Ridge Road, Newton, CT 06470 (US). HANSEN, Thorkild [DK/US]; 2000 Commonwealth Avenue, Apt. 1008, Brighton, MA 02135 (US). MILLER, Douglas, E. [US/US]; 6 Rose Lane, Sandy Hook, CT 06482 (US).
- (74) HALL, Eric, B.; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01V 3/20

(11) WO 03/087882 (13) A1

(21) PCT/EP03/50100

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0204803 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR DETERMINING THE RESISTIVITY OF A FORMATION THROUGH WHICH A WELL EQUIPPED WITH A CASING PASSES

• PROCÉDE PERMETTANT DE DÉTERMINER LA RESISTIVITE D'UNE FORMATION TRAVERSEE PAR UN Puits EQUIPE D'UN TUBAGE

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 rue Saint Dominique, 42 rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; PO BOX 71, Craigmuir Chambers Road Town, PO BOX 71, Craigmuir Chambers, Road Town (VG).
(only for / seulement pour JP NL)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 24th- Floor - Monenco Place, 801 6th Avenue SW, 24th- Floor - Monenco Place, 801 6th Avenue SW, Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA GB)

(71) PETROLEUM RESEARCH & DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 26, Willemstad, Curacao (AN).
(only for / seulement pour BF BJ CF CG CI CM CZ GA GN GQ GW IN LT MA ML MR NE SN TD TG TN VN)

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI GD GE GH GM GR HR HU ID IE IL IS IT KE KG KP KR KZ LC LK LR LS LU LV MC MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SC SD SE SG SI SK SL SZ TJ TM TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City, 8 Calle Aquilino de la Guardia, Panama City, Panama Panama City (PA).
(only for / seulement pour CN)

(71) SCHLUMBERGER OILFIELD ASSISTANCE LIMITED [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour OM SD TR)

(71) SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour BR)

(71) SCHLUMBERGER SERVICES LIMITED [—/—]; PO BOX 438, Tortola (VG).
(only for / seulement pour TT)

(71) FAIVRE, Ollivier [FR/FR]; 170, Rue Du Temple, F-75003 Paris (FR). ROUAULT,

Gilles [FR/FR]; 15, rue Gambetta, F-92100 Boulogne (FR).

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(72, 75) DUBOURG, Isabelle [FR/FR]; 27 Rue D'effiat, F-91380 Chilly-Mazarin (FR).

(74) HYDEN, Martin et al. / etc.; ETUDES ET PRODUCTIONS SCHLUMBERGER, PROPRIETE INTELLECTUELLE, 1, rue Henri Becquerel, BP 202, F-92142 CLAMART Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V 3/24

(11) WO 03/087883 (13) A1

(21) PCT/EP03/50101

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 02290967.5 17 Apr/avr 2002 EP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHASE DISCRIMINATION FOR MICRO ELECTRICAL MEASUREMENT IN NON-CONDUCTIVE FLUID

• DISCRIMINATION DE PHASE POUR MESURE MICROELECTRIQUE DANS UN FLUIDE NON CONDUCTEUR

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; PO BOX 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour JP NL)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 24th- Floor - Monenco Place, 801 6th Avenue SW, Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA GB)

(71) PETROLEUM RESEARCH & DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 26, Willemstad, Curacao (NL).
(only for / seulement pour BF BJ CF CG CI CM CZ GA GN GQ GW IN LT MA ML MR NE SN TD TG TN VN)

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI GD GE GH GM GR HR HU ID IE IL IS IT KE KG KP KR KZ LC LK LR LS LU LV MC MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SC SD SE SG SI SK SL SZ TJ TM TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour CN)

(71) SCHLUMBERGER OILFIELD ASSISTANCE LIMITED [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour OM SD TR)

(71) SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour BR)

(71) SCHLUMBERGER SERVICES LIMITED [—/—]; PO BOX 438, Tortola (VG).
(only for / seulement pour TT)

(71) CHEUNG, Philip [GB/FR]; 4, Place de Palfour, F-78360 MONTESSON (FR).
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(72, 75) HAYMAN, Andrew [GB/FR]; 44 rue Dumont D'Urville, F-78960 Voisins-le-Bretonneux France (FR).

(74) RAYBAUD, Hélène et al. / etc.; ETUDES ET PRODUCTIONS SCHLUMBERGER, 1, rue Henri Becquerel, BP 202, F-92142 CLAMART Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087884 (13) A2

(21) PCT/IL03/00291

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/372,586 15 Apr/avr 2002 US
(15.04.2002)

(30) 60/383,676 29 May/mai 2002 US
(29.05.2002)

(30) 60/400,946 5 Aug/août 2002 US
(05.08.2002)

(30) 60/441,159 21 Jan/jan 2003 US
(21.01.2003)

(30) 60/442,903 28 Jan/jan 2003 US
(28.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STEREOSCOPIC DISPLAY APPARATUS PARTICULARLY USEFUL WITH LCD PROJECTORS

• APPAREIL D'AFFICHAGE STEREOSCOPIQUE PARTICULIEREMENT UTILE DANS DES PROJECTEURS ACL

(71, 72) WEISSMAN, Yitzhak [IL/IL]; 3a Kashani Street, 69 499 Tel Aviv (IL).

(74) G. E. EHRLICH (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087885 (13) A2

(21) PCT/IL03/00302

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,088 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR TRUE TEMPERATURE ESTIMATION
• APPAREIL ET PROCÉDE D'ESTIMATION DE TEMPERATURE REELLE

(71) D.G.Y. INFRARED LTD. [IL/IL]; 99 HAHISTADRUT BOULEVARD, 31250 HAIFA (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLAZMAN, Yvgeni [IL/IL]; 10/4 HATIVAT YIFTAH STREET, 21996 CARMIEL (IL).

(74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087886 (13) A2

(21) PCT/US03/10668

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,463 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIMITED PLAY OPTICALLY-READABLE MEDIUM WITH LIQUID CRYSTALS AND METHODOLOGY THEREFOR

• SUPPORT A LECTURE OPTIQUE LIMITEE AVEC CRISTAUX LIQUIDES ET METHODOLOGIE ASSOCIEE

(71) FLEXPPLAY TECHNOLOGIES, INC. [US/US]; 274 Madison Avenue, Suite 1500, New York, NY 10016 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AJZAL, Robert, S. [US/US]; 300 Doyle Avenue, Providence, RI 02906 (US). CONROY, Jeffrey [US/US]; 37 Linden Avenue, Rumford, RI 02916 (US). LAWANDY, Nabil, M. [US/US]; 169 Eastwock Road, North Kingstown, RI 02852 (US).

(74) CAREY, Scott, M. et al. / etc.; Hale and Dorr LLP, 300 Park Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087887 (13) A2

(21) PCT/US03/10761

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,694 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WIRELESS OPTICAL SYSTEM AND METHOD FOR POINT-TO-POINT HIGH BANDWIDTH COMMUNICATION

• SYSTEME OPTIQUE SANS FIL ET PROCÉDE DESTINE A DES COMMUNICATIONS A GRANDE LARGEUR DE BANDE POINT A POINT

(71) CRINIS NETWORKS, INC. [US/US]; Suite 200, 2099 Collins Blvd., Richardson, TX 75080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCMURRY, Eric [US/US]; 2991 Greenfield Drive, Richardson, TX 75085 (US). LITTLEJOHN, Harry [US/US]; 302 Bluff Circle, Highland Village, TX 75077 (US).

(74) GRAY, J., Kevin; Fish & Richardson, P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087888 (13) A2

(21) PCT/US03/10762

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,593 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTENT REPLICATION DETERRENT METHOD ON OPTICAL DISCS
• PROCÉDE DISSUASIF DE DUPLICATION DE CONTENU SUR DES DISQUES OPTIQUES

(71) VERIFICATION TECHNOLOGIES, INC. [US/US]; 85 Westbrook Road, Centerbrook, CT 06409 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELINFREUND, Richard, H. [US/US]; 1285 Moose Hill Road, Guilford, CT 06437 (US). GERGER, Scott [US/US]; 4412 Bel Aire Road, Des Moines, IA 50310 (US). GOYETTE, Donald, R. [US/US]; 274 Spaulding Road, Plainfield, CT 06374 (US). VIG, Rakesh [IN/US]; 15 Park Place, Durham, CT 06422 (US). LI, Junzhong [CN/US]; 98 Hawthorne Drive, North IL, New London, CT 06320 (US).

(74) MOORE, Steven, J.; Pillsbury Winthrop, LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/087889 (13) A2

(21) PCT/US03/11136

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,738 12 Apr/avr 2002 US (12.04.2002)

- (30) 10/000,000 **10 Apr/avr 2003** US
(10.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DESIGN BUILD TEST CYCLE REDUCTION
• REDUCTION DE CYCLE DE CONCEPTION/CONSTRUCTION ET D'ESSAI
- (71) JOHNSON & JOHNSON VISION CARE, INC. [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, FL 32256 (US).
- (72) WILDSMITH, Christopher; 7819 Kingsmill Court, Jacksonville, FL 32256 (US). LUST, Victor; 3921 Alhambra Drive W, Jacksonville, FL 32207 (US). PEREZ, Jose, L.; 8605 Crooked Tree Drive, Jacksonville, FL 32256 (US). DAMODHARAN, Krish; 5426 Orchard Lake Drive, Jacksonville, FL 32258 (US). ROY, Jeffrey, M.; 1630 Spruce Street, Boulder, CO 80302 (US). DANIEL, Jason; 6472 Hughes Glen Court, Liberty Township, OH 45011 (US). PINELLA, David, F.; 1713 Tanglewood Drive, Loveland, OH 45140 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B
- (11) WO 03/087891 (13) A2
- (21) PCT/US03/11337
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 60/371,994 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • OPTICAL COMMUNICATION SYSTEMS INCLUDING OPTICAL AMPLIFIERS AND AMPLIFICATION METHODS
• SYSTEMES DE COMMUNICATION OPTIQUE COMPRENANT DES AMPLIFICATEURS OPTIQUES ET PROCÉDES D'AMPLIFICATION
- (71) CORVIS CORPORATION [US/US]; Attn: Intellectual Property Department, 7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENS, Thomas, D. [AU/US]; Corvis Corporation, Attn: Intellectual Property Dept., 7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400 (US).
- (74) ANTONE, Michael, C.; Corvis Corporation, Attn: Intellectual Property Department, 7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B
- (11) WO 03/087890 (13) A2
- (21) PCT/US03/11241
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/119,625 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS OF AUTOMATED OPTICAL CONTAINER CODE RECOGNITION WITH POSITIONAL IDENTIFICATION FOR A TRANSFER CONTAINER CRANE
• PROCÉDE ET APPAREIL DE RECONNAISSANCE OPTIQUE AUTOMATISÉE DE CODE DE CONTENEUR AVEC IDENTIFICATION DE POSITION POUR UNE GRUE DE TRANSBORDEMENT DE CONTENEURS
- (71) PACECO CORP. [US/US]; 3854 Bay Center Place, Hayward, CA 94545 (US).
- (72) TAKEHARA, Toru; 19 Del Monte Place, San Mateo, CA 94403 (US). KING, Maxwell, W.; 4026 N. Coral Court, Byron, CA 94514 (US). CHUNG, Chingyei; 50 Austin Avenue, #131, Hayward, CA 94544 (US).
- (74) SMITH, Gregory, Scott et al. / etc.; Gregory Smith & Associates, Suite 317, Third Floor, 3900 Newpark Mall Road, Newark, CA 94560 (US).
- (30) 10/119,056 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FLEXIBLE OPTIC FIBER CABLE WITH CENTERED, INTERFERENCE FIT FERRULES
• CABLE A FIBRES OPTIQUES FLEXIBLE A BAGUES CENTREES, AJUSTEES AVEC SERRAGE
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ OM SC SG TN US VC)
- (71) SCHOTT CORPORATION [US/US]; 3 Odell Plaza, Yonkers, NY 10701 (US).
(only for / seulement pour CA)
- (71) CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) CARL-ZEISS-STIFTUNG [DE/DE]; 99518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG LC LK LR LSG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) HENZE, Inka [DE/DE]; Osterstrasse 22a, 55288 Udenheim (DE). SOMMER, Brigitte [DE/DE]; Kaiserstrasse 68, 55116 Mainz (DE). WEISSER, Michael [DE/US]; 2 Woodside Circle, Sturbridge, MA 01566 (US). BARBEDETTE, Loic [FR/US]; 95 Old Southbridge Road, Dudley, MA 01571 (US).
- (74) GARCIA-ZAMOR, Ruy, M. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 3/00, C03B 11/08, B60Q 1/02, 1/04, B29D 11/00, F21S 8/10
- (11) WO 03/087893 (13) A1
- (21) PCT/EP03/03622
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) de (26) de
- (30) 102 16 706.0 **16 Apr/avr 2002** DE
(16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • POLISHED PRESSED LENS

• LENTILLE PRESSEE BRILLANTE

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf AU DE GB IE IL IN JP KE KP NI NZ SG TN US ZA)

(71) **CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS** [DE/DE]; Hattenbergerstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BE BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ PH SD SG SL SN SZ TT TZ UG VN ZA ZM ZW)

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim/Brenz (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE PH SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) **BONITZ, Ralf** [DE/DE]; Canisiusstr. 17, 55122 Mainz (DE). **ADEBAHR, Rainer** [DE/DE]; Schnepfstieg 5, 31073 Grünplan (DE). **PETERS, Frank** [DE/DE]; Heinrich-Gereke-Str.2, 31073 Delligsen (DE).

(74) **FUCHS, Jürgen, H. et al.** / etc.; Söhnleinstrasse 8, 65201 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **G02B 5/02, B32B 27/00, 7/02, G02F 1/1335, G09F 9/30**

(11) **WO 03/087894** (13) A1

(21) PCT/JP03/04870

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) ja (26) ja

(30) 2002-116404 **18 Apr/avr 2002 (18.04.2002)** JP

(30) 2002-203854 **12 Jul/juil 2002 (12.07.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **LIGHT DIFFUSING SHEET, OPTICAL DEVICE AND IMAGE DISPLAY**

• **FEUILLE DIFFUSANT LA LUMIERE, DISPOSITIF OPTIQUE, ET AFFICHEUR D'IMAGE**

(71) **NITTO DENKO CORPORATION** [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUNAGA, Takuya** [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680

(JP). **KITAGAWA, Atsushi** [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP). **SHOUDA, Takashi** [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).

(74) **SUZUKI, Takao et al.** / etc.; 1-20, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN KR US.

(51)⁷ **G02B 5/128**

(11) **WO 03/087895** (13) A1

(21) PCT/US03/03907

(22) **11 Feb/fév 2003 (11.02.2003)**

(25) en (26) en

(30) 10/122,527 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD OF MAKING RETROCHROMIC BEADS AND KIT THEREOF**

• **PROCEDE PERMETTANT LA PRODUCTION DE PARTICULES RETROCHROMES ET TROUSSE COMPRENANT CES PARTICULES**

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BUDD, Kenton, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **FREY, Matthew, H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **WRIGHT, Bradford, B. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) *for the following designations / pour les désignations suivantes* : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) *for all designations / pour toutes les désignations*

(51)⁷ **G02B 5/128, B29D 11/00**

(11) **WO 03/087896** (13) A1

(21) PCT/US03/06597

(22) **3 Mar/mar 2003 (03.03.2003)**

(25) en (26) en

(30) 10/122,520 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **RETROCHROMIC ARTICLES HAVING REGIONS OF DIFFERENT RETROREFLECTIVE COLORS**

• **ARTICLES RETROCHROMIQUES POSSEDANT DES REGIONS DE COULEURS RETROREFLECHISSANTES DIFFERENTES**

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BUDD, Kenton, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **FREY, Matthew, H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BAILEY, John, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **WRIGHT, Brad, B. et al.** / etc.; Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) *for the following designations / pour les désignations suivantes* : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) *for all designations / pour toutes les désignations*

(51)⁷ **G02B 5/30, 27/01**

(11) **WO 03/087897** (13) A1

(21) PCT/FR03/01161

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04727 16 Apr/avr 2002 FR
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THIN LAYER POLARISATION SPLIT-
TER, METHOD FOR THE PRODUC-
TION THEREOF, AND OPHTHALMIC
LENS COMPRISING PROJECTION IN-
SERTS CONTAINING THE SAME

- SEPARATEUR DE POLARISATION EN
COUCHE MINCE, PROCEDE POUR
SA FABRICATION ET LENTILLE
OPHTHALMIQUE PRESENTANT DES
INSERTS DE PROJECTION LE CONTE-
NANT

(71) ESSILOR INTERNATIONAL [FR/FR];
147, rue de Paris, F-94220 Charenton le Pont
(FR).(72) CADO, Hervé; 12, rue Prairial, F-94500
Champigny sur Marne (FR). ARROUY,
Frédéric; 34, avenue Miribel, F-55100 Ve-
laines (FR). HELMSTETTER, Yvon; 6,
ruelle Boutet, F-55500 Boviolles (FR).(74) POCHART, François et al. / etc.; Cabinet
Hirsch-Pochart, 34, rue de Bassano, F-75008
Paris (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G02B 5/30, 5/28, G01J 9/00, H01S 5/0687

(11) WO 03/087898 (13) A1

(21) PCT/JP02/09173

(22) 9 Sep/sep 2002 (09.09.2002)

(25) ja (26) ja

(30) PCT/JP02/03715 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WAVELENGTH FILTER AND WAVE-
LENGTH MONITORING APPARATUS

- FILTRE DE LONGUEUR D'ONDE ET
APPAREIL DE SUIVI DE LONGUEUR
D'ONDE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) IMAKI, Masao [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
HIRANO, Yoshihito [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
MIKAMI, Yohei [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
SATO, Makoto [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
ADACHI, Akihiro [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310
(JP). NISIMURA, Yasunori [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).(51)⁷ G02B 5/32, G03H 1/02, G01N 21/05,
21/47

(11) WO 03/087899 (13) A1

(21) PCT/GB03/01499

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0207944.0 5 Apr/avr 2002 GB
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF DETECTING AN ANA-
LYTE IN A FLUID

- PROCEDE POUR DETECTER UNE
SUBSTANCE A ANALYSER DANS UN
LIQUIDE

(71) SMART HOLOGRAMS LIMITED
[GB/GB]; 112 Hills Road, Cambridge CB2
1PH (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LOWE, Christopher, Robin [GB/GB];
Institute of Biotechnology, University of
Cambridge, Tennis Court Road, Cam-
bridge CB2 1QT (GB). DAVIDSON, Colin,
Alexander, Bennett [GB/GB]; Institute of
Biotechnology, University of Cambridge,
Tennis Court Road, Cambridge CB2 1QT
(GB). BLYTH, Jeffrey [GB/GB]; Institute
of Biotechnology, University of Cambridge,
Tennis Court Road, Cambridge CB2 1QT
(GB). KABILAN, Satyamoorthy [MY/GB];
Institute of Biotechnology, University of
Cambridge, Tennis Court Road, Cambridge
CB2 1QT (GB). MARSHALL, Alexander,
James [GB/GB]; Institute of Biotechnology,
University of Cambridge, Tennis Court Road,
Cambridge CB2 1QT (GB). MADRIGAL
GONZALEZ, Blanca [ES/GB]; Institute
of Biotechnology, University of Cambridge,
Tennis Court Road, Cambridge CB2 1QT
(GB). JAMES, Anthony, Peter [GB/GB];
Institute of Biotechnology, University of
Cambridge, Tennis Court Road, Cambridge
CB2 1QT (GB).(74) GILL JENNINGS & EVERY; Broadgate
House, 7 Eldon Street, London EC2M 7LH
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G02B 6/00

(11) WO 03/087900 (13) A1

(21) PCT/IB03/01539

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 2002-116679 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE ILLUMINATION DEVICE
AND DISPLAY DEVICE USING THE
SAME

- DISPOSITIF D'ECLAIRAGE DE SUR-
FACE ET DISPOSITIF D'AFFICHAGE
UTILISANT CELUI-CI

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TSUDA, Akimitsu [JP/JP]; c/o Philips
Japan, Ltd., Philips Bldg., 2-13-37, Kohnan,
Minato-ku, Tokyo 108-8507 (JP). TAKA-
HASHI, Satoru [JP/JP]; c/o Philips Japan,
Ltd., Philips Bldg., 2-13-37, Kohnan, Mi-
nato-ku, Tokyo 108-8507 (JP). HUCK,
Hubertina, Petronella, Maria [NL/NL]; c/o
Philips Japan, Ltd., Philips Bldg., 2-13-37,
Kohnan, Minato-ku, Tokyo 108-8507 (JP).
NASU, Kousuke [JP/JP]; c/o Philips Japan,
Ltd., Philips Bld., 2-13-37, Kohnan, Mi-
nato-ku, Tokyo 108-8507 (JP).(74) AOKI, Hiroyoshi; c/o Philips Japan, Ltd.,
Philips Bldg., 2-13-37, Kohnan, Minato-ku,
Tokyo 108-8507 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G02B 6/00

(11) WO 03/087901 (13) A2

(21) PCT/US02/27872

(22) 3 Sep/sep 2002 (03.09.2002)

(25) en (26) en

(30) 10/078,332 14 Feb/fév 2002 US
(14.02.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIBER-OPTIC CHANNEL SELECTING APPARATUS

- DISPOSITIF DE SELECTION DE CANAUX DE FIBRES OPTIQUES

(71) VARIAN, INC. [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).

(72) FERNANDO, Anthony, C., J.; 1002 Grandover Drive, Durham, NC 27713 (US). SWON, James, E.; 39506 Glenn Glade, Chapel Hill, NC 27514 (US).

(74) FISHMAN, Bella et al. / etc.; Varian, Inc., Legal Department D102, 3120 Hansen Way, Palo Alto, CA 94304 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02B 6/00

(11) WO 03/087902 (13) A2

(21) PCT/US03/09582

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/120,562 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUNABLE OPTICAL FILTER
• FILTRE OPTIQUE REGLABLE

(71) XTELLUS, INC. [US/US]; 25B Vreeland Road, Suite 103, Florham Park, NJ 07932 (US).

(72) SILBERBERG, Yaron; 18 Pamonit Street, 85338 Lehavim (IL). SUH, Seongwoo; 409 Mills Drive, Florham Park, NJ 07932 (US). COHEN, Gil; 172 North Livingston Ave., Livingston, NJ 07039 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/12, H01P 3/20

(11) WO 03/087903 (13) A1

(21) PCT/DE03/00979

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 16 790.7 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARRANGEMENT FOR THE TARGETED EXCITATION OF DEFECT RESONANCES IN TWO AND

THREE-DIMENSIONAL PHOTONIC CRYSTALS

- DISPOSITIF POUR PROVOQUER DE FAÇON CIBLEE DES RESONANCES DE DEFECTS DANS DES CRISTAUX PHOTONIQUES BIDIMENSIONNELS ET TRIDIMENSIONNELS

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLEIN, Norbert [DE/DE]; Trompeterallee 9, 41189 Mönchengladbach (DE). SCHUSTER, Michael [DE/DE]; Schlossstrasse 2, 52066 Aachen (DE). PARKOT, Daniel [PL/DE]; Gartenstrasse 52, 52064 Aachen (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G02B 6/12

(11) WO 03/087904 (13) A1

(21) PCT/US03/11307

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,051 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METAMATERIALS EMPLOYING PHOTONIC CRYSTAL
• METAMATERIAUX METTANT EN OEUVRE UN CRISTAL PHOTONIQUE

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) POVINELLI, Michelle, L.; 2 Carter Street, Apartment 2, Somerville, MA 02143 (US). JOHNSON, Steven, G.; 521 Longmeadow Circle, St. Charles, IL 60174 (US). JOANNOPOULOS, John, D.; 64 Douglas Road, Belmont, MA 02478 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/122, 6/138

(11) WO 03/087905 (13) A1

(21) PCT/US03/10808

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,976 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYSILANE THIN FILMS FOR DIRECTLY PATTERNABLE WAVEGUIDES

- FILMS FINS DE POLYSILANE POUR GUIDES D'ONDES DIRECTEMENT CONFIGURABLES

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) LOCK, John; 2 Oak Terrace, #3, Somerville, MA 02143 (US). GLEASON, Karen, K.; 100 Pleasant Street, Lexington, MA 02421 (US). KIMERLING, Lionel, C.; 369 Strawberry Hill Road, Concord, MA 01742 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier, Stevens & LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/16

(11) WO 03/087906 (13) A1

(21) PCT/FR03/01197

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04821 17 Apr/avr 2002 FR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCTION OF A TUNABLE OPTICAL FILTER
• PROCEDE DE REALISATION D'UN FILTRE OPTIQUE ACCORDABLE

(71) HIGHWAVE OPTICAL TECHNOLOGIES [FR/FR]; Espace Pegase, 11, rue de Broglie, F-22300 Lannion (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUGNIER, Alain [FR/FR]; 17, rue de la Gare, F-22140 Begard (FR). LEROUX, Rachelle [FR/FR]; N° 15, Bel Air, F-22740 Pleumeur-Gautier (FR). YVERNAULT, Philippe [FR/FR]; 3, rue Jeanne d'Arc, F-22300 Lannion (FR). PUREUR, David [FR/FR]; 117, boulevard de la Corniche, F-22700 Perros-Guirec (FR).

(74) **MARTIN, Jean-Jaques et al.** / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G02B 6/24

(11) WO 03/087907 (13) A1

(21) PCT/JP03/04646

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-111078 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-189532 28 Jun/juin 2002 JP (28.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL FIBER ARRAY

• RESEAU DE FIBRES OPTIQUES

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYAMA, Kiyoshi** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **HORI, Hiroshi** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).

(74) **KOYAMA, Yuu;** Shuwa kioicho TBR Bldg. Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/34

(11) WO 03/087908 (13) A1

(21) PCT/US03/11030

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en

(30) 60/372,707 12 Apr/avr 2002 US (12.04.2002)

(30) 10/410,845 10 Apr/avr 2003 US (10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EFFICIENT WAVEGUIDE ARRAYS WITH NEARLY PERFECT ELEMENT PATTERNS

• ENSEMBLES DE GUIDES D'ONDES EFFICACES DOTES DE MOTIFS D'ELEMENTS PRESQUE PARFAITS

(71, 72) **DRAGONE, Corrado, Pietro** [US/US]; 43 Windsor Drive, Little Silver, NJ 07739 (US).

(74) **KRIVOSHIK, David, O.;** Mathews, Collins, Shepherd & McKay, P.A., 100 Thanet Circle, Suite 306, Princeton, NJ 08540-3674 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/36

(11) WO 03/087909 (13) A1

(21) PCT/US03/11181

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/120,984 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL-SIGNAL COUPLER FEATURING A ROTATABLE PRISM AND THE RELATED METHOD

• COUPLEUR DE SIGNAUX OPTIQUES A PRISME ROTATIF ET PROCEDE ASSOCIE

(63) US 10,120,984 (CON) 10 Apr/avr 2002 (10.04.2002)

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; Building 400, Mail Drop 043, 9500 Godwin Drive, Manassas, VA 20110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOWNSEND, VanWinkle, T.** [US/US]; 12140 Westwood Hills Dr, Herndon, VA 20171 (US). **VARLEY, Robert, J.** [US/US]; 4354 Misty Ridge Dr, Haymarket, VA 20169 (US).

(74) **SANTARELLI, Bryan, A.;** Graybeal Jackson Haley LLP, 155-108th Avenue NE, Suite 350, Bellevue, WA 98004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 03/087910 (13) A1

(21) PCT/CZ02/00069

(22) 20 Dec/déc 2002 (20.12.2002)

(25) en (26) en

(30) PUV 2002-13028 15 Apr/avr 2002 CZ (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIBER OPTIC CONNECTOR SET WITH FIRMLY FIXED FERRULE AND RESILIENT ADAPTER

• ENSEMBLE DE CONNECTEUR DE FIBRES OPTIQUES DOTE D'UNE FERRULE BIEN FIXEE ET D'UN ADAPTEUR RESILIENT

(71) **SQS VLÁKNOVÁ OPTIKA A.S.** [CZ/CZ]; Komenského 304, 509 01 Nová Paka (CZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLAMRT, Ivo** [CZ/CZ]; Kumburský Újezd 53, 509 01 Nová Paka (CZ).

(81) AE AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY BZ CA CH CN (Utility model / modèle d'utilité) CO CR CU DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH (Utility model / modèle d'utilité) GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX MZ NO NZ OM PH PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SD SE SG SK (Utility model / modèle d'utilité) SL (Utility model / modèle d'utilité) TJ TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VN (Utility model / modèle d'utilité) YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU DE

DK DM DZ EC EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ
TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR IE IT LU MC NL PT SE SI SK TR); (t) for
all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ G02B 6/40, C09J 201/06

(11) WO 03/087911 (13) A1

(21) PCT/JP02/03846

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL FIBER ARRAY

• RESEAU DE FIBRES OPTIQUES

(71) HATAKENS AKU CO., LTD. [JP/JP];
8183-2, Oaza Hotaka, Hotaka-machi, Mi-
namiazumi-gun, Nagano 399-8303 (JP).
NAMICS CO. [JP/JP]; 3993 Nigorikawa,
Niigata-shi, Niigata 950-3131 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUMAGAI, Toshiaki [JP/JP]; c/o
HATAKENS AKU CO., LTD, 8183-2, Oaza
Hotaka, Hotaka-machi, Minamiazumi-gun,
Nagano 399-8303 (JP). SUZUKI, Os-
amu [JP/JP]; c/o NAMICS CO., 3993
Nigorikawa, Niigata-shi, Niigata 950-3131
(JP). KANEKO, Junichi [JP/JP]; c/o NAM-
ICS CO., 3993 Nigorikawa, Niigata-shi,
Niigata 950-3131 (JP). ABE, Yukinari
[JP/JP]; c/o NAMICS CO., 3993 Nigorikawa,
Niigata-shi, Niigata 950-3131 (JP). MU-
RAMATSU, Kazuo [JP/JP]; c/o NAMICS
CO., 3993 Nigorikawa, Niigata-shi, Niigata
950-3131 (JP).

(74) YOKOZAWA, Shiro; 1132-18, Shimadachi,
Matsumoto-shi, Nagano 390-0852 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G02B 6/44

(11) WO 03/087912 (13) A2

(21) PCT/GB03/01458

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0208568.6 12 Apr/avr 2002 GB
(12.04.2002)

(30) 0209974.5 1 May/mai 2002 GB
(01.05.2002)

(30) 0219102.1 16 Aug/août 2002 GB
(16.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL CIRCUIT ENCLOSURE

• ENCEINTE DE CIRCUIT OPTIQUE

(71) TYCO ELECTRONICS RAYCHEM NV
[BE/BE]; Diestsesteenweg 692, B-3010
Kessel-Lo (BE).

(for all designated States except / pour tous
les États désignés sauf MG US)

(71) TYCO ELECTRONICS UK LTD
[GB/GB]; Faraday Road, Dorcan, Swin-
don, Wiltshire SN3 5HH (GB).

(only for / seulement pour MG)

(72, 75) BELLEKENS, Kathleen [BE/BE];
Ellestraat 26A, B-3020 Winksele-Delle (BE).
FRANCKX, Joris [BE/BE]; Halmenhoek 7,
B-2820 Bonheiden (BE).

(74) JAY, Anthony, William; Tyco Electronics
UK Ltd, European Patent Department, Fara-
day Road, Dorcan, Swindon, Wiltshire SN3
5HH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PT RO SE SI
SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 6/44, H01B 7/17, H05K 7/02

(11) WO 03/087913 (13) A1

(21) PCT/US03/05074

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 10/121,910 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOLDABLE INTERCONNECTOR FOR
CONDUCTORS

• DISPOSITIF D'INTERCONNEXION
PLIABLE POUR CONDUCTEURS

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(72) SIMMONS, Richard L.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
SHOEMAKER, Curtis L.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(74) FLORCZAK, Yen Tong, et al. / etc.; Of-
fice of Intellectual Property Counsel, Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR) OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations

(51)⁷ G02B 21/08

(11) WO 03/087914 (13) A2

(21) PCT/EP03/03451

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 17 098.3 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INCIDENT ILLUMINATION ARRAY
FOR A MICROSCOPE

• DISPOSITIF D'ÉCLAIRAGE PAR RÉ-
FLEXION POUR MICROSCOPE

(71) CARL-ZEISS JENA GMBH [DE/DE];
Carl-Zeiss-Promenade 10, 07745 Jena (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BROCKSCH, Dieter [DE/DE];
Blauäcker 9, 89081 Ulm (DE). DANZ,
Rainer [DE/DE]; Lohbergstrasse 15, 37085
Göttingen (DE).

(74) BREIT, Ulrich et al. / etc.; Geyer, Fehners &
Partner, Perhamerstrasse 31, 80687 München
(DE).

(81) JP US.

(51)⁷ G02B 26/02, 26/10

(11) WO 03/087915 (13) A1

(21) PCT/DK03/00237

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) PA 2002 00516 9 Apr/avr 2002 DK
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHT MODULATING ENGINE

• DISPOSITIF DE MODULATION DE LA
LUMIERE

(71) DICON A/S [DK/DK]; Møgelgårdsvej 16,
DK-8520 Lystrup (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GLENT-MADSEN, Henrik [DK/DK];
Lysmosevej 6, DK-8670 Låsby (DK).

(74) PATENTGRUPPEN ApS; Arosgaarden,
Aaboulevard 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02C 5/12

(11) WO 03/087916 (13) A1

(21) PCT/IT02/00245

(22) 17 Apr/avr 2002 (17.04.2002)

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SPECTACLES WITH WESTERN/EASTERN VARIATION OF FIT

• LUNETTES A REGLAGE VARIABLE ADAPTE AUX POPULATIONS DE L'OUEST OU DE L'EST

(71) SAFILO SOCIETÀ AZIONARIA FABBRICA ITALIANA LAVORAZIONE OCCHIALI S.P.A. [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve Di Cadore (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TABACCHI, Vittorio [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).

(74) FABRIS, Stefano et al. / etc.; c/o Cantaluppi & Partners S.r.l., Via Matteotti, 26, I-35137 PADOVA (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G02C 5/22

(11) WO 03/087917 (13) A1

(21) PCT/FR03/00961

(22) 27 Mar/mar 2003 (27.03.2003)

(25) fr (26) fr

(30) 02/04568 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELASTIC HINGE COMPRISING AN RADIAL STOP AGAINST OPENING TOO FAR

• CHARNIERE ELASTIQUE COMPRENANT UNE BUTEE RADIALE DE SUR-OUVERTURE

(71) COMOTEC [FR/FR]; Fort des Rousses, F-39220 Les Rousses (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) QUEHIN, Sebastien Claude [FR/FR]; 47, rue de la République, F-39400 Morez (FR).

(74) MARCHAND, André; Ompipat, 24, place des Martyrs de la Résistance, F-13100 Aix en Provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02C 5/22

(11) WO 03/087918 (13) A1

(21) PCT/IT02/00244

(22) 17 Apr/avr 2002 (17.04.2002)

(25) it (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HINGE DEVICE, PARTICULARLY FOR THE CONNECTION OF THE SIDES TO THE FRONT OF FRAMES FOR SPECTACLES AND THE LIKE

• DISPOSITIF D'ARTICULATION DESTINE, EN PARTICULIER, A RELIER LES PARTIES LATERALES A LA PARTIE AVANT DE MONTURES DE LUNETTES ET ANALOGUES

(71) SAFILO SOCIETÀ AZIONARIA FABBRICA ITALIANA LAVORAZIONE OCCHIALI S.P.A. [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TABACCHI, Vittorio [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).

(74) FABRIS, Stefano et al. / etc.; c/o Cantaluppi & Partners S.r.l., Via Matteotti, 26, I-35137 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G02C 5/22

(11) WO 03/087919 (13) A1

(21) PCT/IT02/00246

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HINGE DEVICE FOR THE ARTICULATION OF SPECTACLE ARMS AND A PAIR OF SPECTACLES INCLUDING THE DEVICE

• DISPOSITIF D'ARTICULATION POUR DES BRANCHES A LUNETTE ET PAIRE DE LUNETTES COMPRENANT CE DISPOSITIF

(71) SAFILO SOCIETÀ AZIONARIA FABBRICA ITALIANA LAVORAZIONE OCCHIALI S.P.A. [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve Di Cadore (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TABACCHI, Vittorio [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).

(74) FABRIS, Stefano et al. / etc.; c/o Cantaluppi & Partners S.r.l., Via Matteotti, 26, I-35137 PADOVA (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ

DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G02C 7/04

(11) WO 03/087920 (13) A1

(21) PCT/JP03/03639

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-110764 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTACT LENS AND PRODUCTION
METHOD FOR CONTACT LENS

• LENTILLE DE CONTACT ET PRO-
CEDE DE PRODUCTION DE LEN-
TILLE DE CONTACT

(71) MENICON CO., LTD. [JP/JP]; 3-21-19,
Aoi, Naka-ku, Nagoya-shi, Aichi 460-0006
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOTOU, Yuuji [JP/JP]; c/o MENI-
CON CO., LTD., TECHNICAL RES.LAB.,
4-179-17, Suei-cho., Kakamigahara-shi.,
Gifu 509-0108 (JP). MARUYAMA, Kunio
[JP/JP]; c/o MENICON CO., LTD., 3-20-26,
Aoi, Higashi-ku Nagoya-shi, Aichi 460-0004
(JP).

(74) KASAI, Yoshitaka; KASAI PATENT OF-
FICE, Sanyoku-Bldg., 345-5 Kohmei-cho,
Tsu-shi, Mie 514-0006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G02F

(11) WO 03/087921 (13) A2

(21) PCT/KR03/00671

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10-2002-0018924 8 Apr/avr 2002 KR
(08.04.2002)

(30) 10-2002-0061454 9 Oct/oct 2002 KR
(09.10.2002)

(30) 10-2002-0087014 30 Dec/déc 2002 KR
(30.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CRYSTAL DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE À CRIS-
TAUX LIQUIDES

(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Paldal-gu, Su-
won-si, Gyeonggi-do 442-742 (KR).

(72) LEE, Back-Won; #1035-10, Sadang 1-dong,
Dongjak-gu, Seoul 156-826 (KR). MOON,
Seung-Hwan; 205-1504 Hyundai 1-PARK
6cha Apt., Sanghyeon-ri, Suji-cup, Yongin-si,
Gyeonggi-do 449-843 (KR).

(74) PARK, Young-Woo; 5F., Seil Building,
#727-13, Yoksam-dong, Gangnam-gu, Seoul
135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G02F 1/01, G02B 6/293, G02F 1/065

(11) WO 03/087922 (13) A2

(21) PCT/US03/10820

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,957 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR HO-
MOGENOUS HEATING IN AN OPTI-
CAL WAVEGUIDING STRUCTURE

• PROCEDE ET APPAREIL DE CHAUF-
FAGE HOMOGENE D'UNE STRUC-
TURE DE GUIDE D'ONDES OPTIQUE

(71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

(72) ELDA, Louay; 169 Concord Avenue, Lex-
ington, MA 02421 (US). HEANEY, Alan, D.;
12 Avon Street, Apartment 3, Wakefield, MA
18880 (US). PANT, Deepti; 2 Kimball Court,
Apartment 512, Woburn, MA 01801 (US).
VAN NUNEN, Joris; 30 Russell Road, Win-
chester, MA 01890 (US). XU, Chuck, C.; 193
Merrimack Meadows, Twerksbury, MA 01876
(US).

(74) SIEGELL, Barbara, C.; E.I. DUPONT
DE NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster Pike, Wilmington, DE 19805 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G02F 1/1333, G01M 11/00

(11) WO 03/087923 (13) A1

(21) PCT/JP03/04216

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101593 3 Apr/avr 2002 JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CRYSTAL DISPLAY
UNIT-USE GLASS SUBSTRATE AND
METHOD OF PRODUCING MOTHER
GLASS AND MOTHER GLASS IN-
SPECTION DEVICE

• SUBSTRAT DE VERRE POUR UNITE
D'AFFICHAGE A CRISTAUX LI-
QUIDES, PROCEDE DE PRODUCTION
D'UN VERRE DE BASE ET DISPO-
SITIF D'INSPECTION DE VERRE DE
BASE

(71) NH TECHNO GLASS CORPORATION
[JP/JP]; 12-20, Shinyokohama 2-chome,
Kouhoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OYA, Yoshitaka [JP/JP]; C/O NH
TECHNO GLASS CORPORATION, 12-20,
Shinyokohama 2-chome, Kouhoku-ku, Yoko-
hama-shi, Kanagawa 222-0033 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 Towa Building,
3F 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 102-
0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G02F 1/1343

(11) WO 03/087924 (13) A1

(21) PCT/JP03/04611

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110384 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CRYSTAL DISPLAY PANEL

• PANNEAU D'AFFICHAGE A CRIS-
TAUX LIQUIDES

(71) CITIZEN WATCH CO., LTD. [JP/JP];
1-12, Tanashicho 6-chome, Nishitokyo-shi,
Tokyo 188-8511 (JP). NEC LCD TECH-
NOLOGIES, LTD. [JP/JP]; 1753, Shi-
monumabe, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8666 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SEKIGUCHI, Kanetaka [JP/JP]; c/o
Citizen Watch Co., Ltd., 1-12, Tanashicho
6-chome, Nishitokyo-shi, Tokyo 188-8511
(JP). TAKAHASHI, Kazutoshi [JP/JP]; c/o
Citizen Watch Co., Ltd., 1-12, Tanashicho
6-chome, Nishitokyo-shi, Tokyo 188-8511

(JP). MIYABE, Kosei [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). YANO, Takakazu [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). WATANABE, Takahiko [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). ISHIYAMA, Toshiaki [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). IKEDA, Shinya [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) SAKAI, Akinori; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(51)⁷ G02F 1/35

(11) WO 03/087925 (13) A1

(21) PCT/US02/11144

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUNABLE PULSE WIDTH OPTICAL PULSE GENERATOR

• GENERATEUR D'IMPULSIONS OPTIQUES A LARGEUR D'IMPULSION ACCORDABLE

(71) AXE, INC. [US/US]; 200 Metrowest Technology Drive, Maynard, MA 01754 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERGHESE, Simon [US/US]; 11 Elwern Road, Arlington, MA 02474 (US). LA-GASSE, Michael, J. [US/US]; 28B Muzzey Street, Lexington, MA 02421 (US).

(74) LAPPIN, Mark, G.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/35, G02B 6/12

(11) WO 03/087926 (13) A1

(21) PCT/US03/11308

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,052 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SHOCK-WAVE MODULATION AND CONTROL OF ELECTROMAGNETIC RADIATION IN A PHOTONIC CRYSTAL

• MODULATION D'ONDES DE CHOC ET COMMANDE DU RAYONNEMENT

ELECTROMAGNETIQUE DANS UN CRISTAL PHOTONIQUE

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 2139 (US).

(72) REED, Evan; 8750 85th St. NW, Pine Island, MN 55963 (US). SOLJACIC, Marin; 67 Fairfax Street, Somerville, MA 02144 (US). JOANNOPOULOS, John, D.; 64 Douglas Road, Belmont, MA 02478 (US). JOHNSON, Steven, G.; 521 Longmeadow Circle, St. Charles, IL 60174 (US). SKO-ROBOGATYI, Maksim; 116 Washington Street #63, Brighton, MA 02135 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, 225 Franklin Street, Suite 3300 02110, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03B

(11) WO 03/087927 (13) A2

(21) PCT/US03/03116

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 10/120,785 12 Apr/avr 2002 US (12.04.2002)

(30) 10/122,138 15 Apr/avr 2002 US (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROJECTION SCREEN APPARATUS
• ECRAN DE PROJECTION

(71) DUKE UNIVERSITY [US/US]; Erwin Road, Durham, NC 27708 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNOX, Richard, M. [US/US]; 5231 Norborne Lane, Houston, TX 77069 (US). WALKER, Dale, S. [US/US]; 12318 Advance Drive, Houston, TX 77065 (US).

(74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 15/05

(11) WO 03/087928 (13) A1

(21) PCT/JP03/04421

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ja (26) ja

(30) 2002-110373 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-123804 25 Apr/avr 2002 JP (25.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGING APPARATUS
• SYSTEME D'IMAGERIE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOMORI, Noriyuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NAKATANI, Hidehiko [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ABE, Ichihiko [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NAGATOSHI, Yushi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TADANO, Yuji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) YOSHIDA, Shigeaki et al. / etc.; 10th floor, Sumitomo-seimei OBP Plaza Bldg., 4-70, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G03B 19/00, H04N 5/225, 5/228, 5/232

(11) WO 03/087929 (13) A1

(21) PCT/US03/11011

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,608 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DIGITAL IMAGING SYSTEM
• SYSTEME D'IMAGERIE NUMERIQUE

(71) PAN-X IMAGING, INC. [US/US]; 13 Salt Spray Lane, Hilton Head Island, SC 29928 (US).

(72) WACHTEL, Robert, A.; 5219 Hammock Circle, St. Cloud, FL 34771 (US). KEABLE, John; 5 King Rail Lane, Hilton Head Island, SC 29926 (US). PAULSON, Richard; 2216 Eagles Landing Way, Kissimmee, FL 34744 (US).

(74) **BEUSSE, James, H.** et al. / etc.; Beusse Brownlee Bowdoin & Wolter, P.A., 390 N. Orange Avenue, Suite 2500, Orlando, FL 32801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03B 21/14

(11) WO 03/087930 (13) A1

(21) PCT/KR03/00679

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ko (26) en

(30) 10-2002-0018802 6 Apr/avr 2002 KR (06.04.2002)

(30) 10-2002-0040399 11 Jul/juil 2002 KR (11.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH EFFICIENCY LIGHTING SYSTEM, SCROLLING UNIT AND PROJECTION SYSTEM EMPLOYING THE SAME

• SYSTEME D'ECLAIRAGE HAUTEMENT EFFICACE, UNITE DE DEFILEMENT ET SYSTEME DE PROJECTION UTILISANT CES ELEMENTS

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Dae-Sik** [KR/KR]; 824-706 Woosong Apt., 973-3, Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). **PARK, Yung-Jun** [KR/KR]; 504-902 Samsung 5-cha Apt., Jinsan Maeul, Bojeong-ri, Guseong-myeon, Yongin-si, Gyeonggi-do 449-913 (KR). **CHO, Kun-Ho** [KR/KR]; 103-106 Doosan Donga Apt., Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-390 (KR). **LEE, Hee-Joong** [KR/KR]; 605-1105 Satbyul Hanyang Apt., Dalan-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-719 (KR). **CHUNG, Chong-Sam** [KR/KR]; 406-301 Shinyoungtong Hyundai Apt., Banwol-ri, Taean-eup, Hwasong-gun, Gyeonggi-do 445-970 (KR). **CHOI, Jong-Chul** [KR/KR]; 158-603 Hwanggol Maeul Apt., Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). **KIM, Tae-Hee** [KR/KR]; 1204-6 Maetan-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-370 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 21/62, 21/10, G02B 5/02

(11) WO 03/087931 (13) A1

(21) PCT/JP03/04246

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101802 3 Apr/avr 2002 JP (03.04.2002)

(30) 2003-85553 26 Mar/mar 2003 JP (26.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIGHT TRANSMITTING SHEET, REAR PROJECTION TYPE PROJECTOR, LIGHT TRANSMITTING SHEET PRODUCING DEVICE, PROGRAM AND COMPUTER-READABLE RECORDING MEDIUM

• FEUILLE TRANSLUCIDE, PROJETEUR A PROJECTION PAR TRANSPARENCE, DISPOSITIF DE PRODUCTION DE FEUILLE TRANSLUCIDE, PROGRAMME ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).

(72) **SAKAGUCHI, Masafumi**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(81) CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (b)

(51)⁷ G03B 42/02, A61B 6/14, G03C 11/02, G01N 23/04, G03B 42/04

(11) WO 03/087932 (13) A1

(21) PCT/US03/11267

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,323 12 Apr/avr 2002 US (12.04.2002)

(30) 60/431,282 6 Dec/déc 2002 US (06.12.2002)

(30) 10/392,158 18 Mar/mar 2003 US (18.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A RADIATION SENSITIVE RECORDING PLATE WITH ORIENTATION

IDENTIFYING MARKER, METHOD OF MAKING, AND OF USING SAME

• PLAQUE D'ENREGISTREMENT RADIOSENSIBLE A MARQUEUR D'IDENTIFICATION DE SENS, SON PROCEDE DE FABRICATION ET SON UTILISATION

(71, 72) **KAY, George, W.** [US/US]; 780 Boylston Street, 3 Boylston Plaza, Prudential Center, Boston, MA 02199 (US).

(74) **ENGELSON, Gary, S.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 42/04 // A61B 6/00

(11) WO 03/087933 (13) A1

(21) PCT/DK03/00245

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) PA 2002 00544 12 Apr/avr 2002 DK (12.04.2002)

(30) PA 2002 01386 19 Sep/sep 2002 DK (19.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A BAG FOR A MEDICAL ITEM SUCH AS AN X-RAY CASSETTE

• SAC POUR ARTICLE MEDICAL TEL QU'UNE CASSETTE DE RADIOGRAPHIE

(71, 72) **BROEN, Lars** [DK/DK]; Ordrup Jagtvej 37, DK-2920 Charlottenlund (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen V (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F

(11) WO 03/087934 (13) A2

(21) PCT/US03/11048

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,869 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERFEROMETRY SYSTEM ERROR
COMPENSATION IN TWIN STAGE
LITHOGRAPHY TOOLS• COMPENSATION D'ERREUR D'UN
SYSTEME INTERFEROMETRIQUE
DANS DES OUTILS LITHOGRA-
PHIQUES A DEUX ETAGES(71) ZYGO CORPORATION [US/US]; 21 Lau-
rel Brook Road, Middlefield, CT 06455-0448
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HILL, Henry, A. [US/US]; 340 S.
Avenida de Palmas, Tucson, AZ 85716 (US).(74) FRENCH, Timothy, A.; Fish & Richardson
P.C., 225 Franklin Street, Boston, MA 02110-
2804 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G03F 7/00

(11) WO 03/087935 (13) A2

(21) PCT/EP03/03666

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 17 151.3 17 Apr/avr 2002 DE
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NANOIMPRINT RESIST

• COUCHE DE RESERVE DE NANOIM-
PRESSION(71) CLARIANT GMBH [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SPIESS, Walter [DE/DE]; Erlenweg
16, 64839 Münster (DE). KITA, Fumio
[JP/DE]; Grillparzerstrasse 9, 65187 Wies-
baden (DE). MEIER, Michael [DE/DE]; Im
Kornfeld 6, 65835 Liederbach (DE). GIER,
Andreas [DE/DE]; Holtendorfer Strasse
73B, 49326 Melle (DE). MENNIG, Martin
[DE/DE]; Mittelstrasse 5, 66287 Quierschied
(DE). OLIVEIRA, Peter, W. [BR/DE];
Nauwieser Strasse 40, 66111 Saarbrücken(DE). SCHMIDT, Helmut [DE/DE]; Im
Königsfeld 29, 66130 Saarbrücken-Güdingen
(DE).(74) HÜTTER, Klaus; Clariant GmbH, Am
Unisys-Park 1, 65843 Sulzbach (DE).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ G03F 7/00, 7/16, 7/36, 7/42, C23C 8/00,
14/02, C25F 1/00, 5/00

(11) WO 03/087936 (13) A1

(21) PCT/US03/11012

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,822 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF TREATMENT OF
POROUS DIELECTRIC FILMS TO
REDUCE DAMAGE DURING CLEAN-
ING• PROCEDE DE TRAITEMENT DE
PELLICULES DIELECTRIQUES PO-
REUSES SERVANT A REDUIRE LES
DOMMAGES LORS DU NETTOYAGE(71) SUPERCRITICAL SYSTEMS INC.
[US/US]; 2120 W. Guadalupe Road, Gilbert,
AZ 85223 (US).(72) SCHILLING, Paul; 8407 Seeno Avenue,
Granite Bay, CA 95746 (US).(74) HAVERSTOCK, Thomas, B. et al. / etc.;
Haverstock & Owens LLP, 162 N. Wolfe
Road, Sunnyvale, CA 94086 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G03F 7/00

(11) WO 03/087937 (13) A2

(21) PCT/US03/08838

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/371,498 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WATERBORNE PRINTED CIRCUIT
BOARD COATING COMPOSITIONS• COMPOSITIONS AQUEUSES DE RE-
VETEMENT DE CARTES A CIRCUIT
IMPRIME(71) SCHENECTADY INTERNATIONAL,
INC. [US/US]; 2750 Balltown Road, Sch-
enectady, NY 12309 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BAUGHMAN, Donald, Richard
[US/US]; 333 Broadway, Apt. 208, Saratoga
Springs, NY 12866 (US). KLEIN, Jon,
Christopher [US/US]; 138 Woodhaven
Drive, Scotia, NY 12302 (US). LEONARD,
James, Dennis [US/US]; P.O. Box 368,
Salem, NY 12865 (US). ROBIDEAU, Gary,
Joseph [US/US]; 2594 Aqueduct Road,
Niskayuna, NY 12309 (US).(74) CAWLEY, Thomas, A., Jr. et al. / etc.;
Pillsbury Winthrop LLP, P.O. Box 10500,
McLean, VA 22102 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G03F 7/004

(11) WO 03/087938 (13) A2

(21) PCT/CA03/00328

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 2,381,128 9 Apr/avr 2002 CA
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLASMA POLYMERIZED ELECTRON
BEAM RESIST• MATIERE DE PROTECTION CONTRE
UN FAISCEAU ELECTRONIQUE PO-
LYMERISEE AU PLASMA(71) QUANTIScript INC. [CA/CA]; 2500
University Boulevard, Sherbrooke, Quebec
J1K 2R1 (CA).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) AWAD, Yousef [JO/CA]; 620 McGre-
gor, app. 305, Sherbrooke, Quebec J1L 1V7
(CA). LAVALLEE, Eric [CA/CA]; 1407
Magellan, App.5, Rock Forest, Quebec J1N
3S3 (CA). BEAUVAIS, Jacques [CA/CA];
1961 Albert Skinner, Sherbrooke, Quebec J1J
1X3 (CA). DROUIN, Dominique [CA/CA];
3290 Pariseau, Deauville, Quebec J1N 3N9
(CA).(74) BROUILLETTE, Robert et al. / etc.;
Brouillette Kosie Prince, 1100 René Lévesque
Blvd. West, 25th Floor, Montreal, Quebec
H3B 5C9 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/004

(11) WO 03/087939 (13) A2

(21) PCT/US03/11358

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/119,454 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ON-PRESS DEVELOPABLE IR SENSITIVE PRINTING PLATES USING BINDER RESINS HAVING POLYETHYLENE OXIDE SEGMENTS

• PLAQUES D'IMPRESSION SENSIBLES AUX INFRAROUGES QUE L'ON PEUT METTRE AU POINT SUR PRESSE UTILISANT DES RESINES DE LIAISON AYANT DES SEGMENTS D'OXYDE POLYETHYLENE

(71) KODAK POLYCHROME GRAPHICS LLC [US/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) HUANG, Jianbing; 1057 Daniels Farm Road, Trumbull, CT 06611 (US). MUNNELLY, Heidi, M.; 291 Columbus Street, Windsor, CT 80550 (US). SARAIYA, Shashikant; 5 Amherst Court, Parlin, NJ 08859 (US). PAPPAS, Socrates, Peter; 530 Ocean Drive, Unit 803, Juno Beach, FL 33408 (US).

(74) CRIMMINS, John, L. et al. / etc.; Faegre & Benson LLP, 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402-3901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/004

(11) WO 03/087940 (13) A2

(21) PCT/US03/02195

(22) 24 Jan/jan 2003 (24.01.2003)

(25) en (26) en

(30) 10/119,061 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID TRANSFER ARTICLES AND METHOD FOR PRODUCING THE SAME USING DIGITAL IMAGING PHOTOPOLYMERIZATION

• ARTICLES DE TRANSFERT DE LIQUIDE ET PROCÉDE DE PRODUCTION ASSOCIÉ PAR PHOTOPOLYMERISATION D'IMAGERIE NUMÉRIQUE

(71) DAY INTERNATIONAL, INC. [US/US]; 130 West Second Street, Dayton, OH 45402 (US).

(72) MCLEAN, Michael, E.; 7 Masters Crest Court, Etowah, NC 28729-8718 (US). SCHERRMAN, Brett; 10507 Cobb Court, Huntersville, NC 28078-6498 (US). NECKERS, Douglas, C.; 108 Secor Woods Lane, Perrysburg, OH 43551-2748 (US). SERGUIEVSKI, Peter; 333 West 5th Street, Perrysburg, OH 43551-2748 (US).

(74) JIVIDEN, William, A. et al. / etc.; Killwoth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G03F 7/039, 7/022, 7/40

(11) WO 03/087941 (13) A1

(21) PCT/JP03/04954

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-115566 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POSITIVELY PHOTSENSITIVE RESIN COMPOSITION AND METHOD OF PATTERN FORMATION

• COMPOSITION DE RESINE POSITIVEMENT PHOTSENSIBLE ET PROCÉDE DE FORMATION DE MOTIFS

(71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATANAKA, Tadashi [JP/JP]; c/o Nissan Chemical Industries, Ltd., Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). NIHIRA, Takayasu [JP/JP]; c/o Nissan Chemical Industries, Ltd., Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/11, B41C 1/10

(11) WO 03/087942 (13) A1

(21) PCT/US03/10229

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/117,569 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-LAYER NEGATIVE WORKING IMAGEABLE ELEMENT

• ELEMENT MULTICOUCHES IMAGEABLE FONCTIONNANT EN NÉGATIF

(71) KODAK POLYCHROME GRAPHICS LLC [US/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) RAY, Kevin; 2736 Michener Drive, Fort Collins, CO 80526 (US). RAY, Joanne; 2736 Michener Drive, Fort Collins, CO 80526 (US).

(74) TISE, Frank, P.; RatnerPrestia, Nemours Building, 1007 Orange Street, Suite 1100, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/20

(11) WO 03/087943 (13) A2

(21) PCT/DE03/01280

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 16 820.2 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING A MASK ADAPTED TO A LIGHTING DEVICE

• PROCEDE DE PRODUCTION D'UN MASQUE ADAPTE A UN APPAREIL D'ECLAIRAGE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASSMANN, Jens [DE/DE]; Am Schulholz 11, 01109 Dresden (DE). KOWALEWSKI, Johannes [DE/DE]; Goethestr. 23, 01109 Dresden (DE). KUNKEL, Gerhard [DE/DE]; Grüne Strasse 10 i, 01445 Radebeul (DE). SCHEDEL, Thorsten [DE/DE]; Wilder-Mann-Str. 43, 01129 Dresden (DE). SCHRÖDER, Uwe, Paul [DE/DE]; Neulussheimer Strasse 46, 01465 Dresden-Langebrück (DE). VOIGT, Ina [DE/DE]; Gottfried-Böhm-Ring 23, 81369 München (DE).

(74) EPPING HERMANN FISCHER; Patentanwalts-gesellschaft mbH, Ridlerstrasse 55, 80339 München (DE).

(81) IL JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G03F 7/20, G02B 7/00

(11) WO 03/087944 (13) A2

(21) PCT/EP03/03561

(22) 5 Apr/avr 2003 (05.04.2003)

(25) de (26) de

(30) 102 16 114.3 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR THE LOW-DEFORMATION MOUNTING OF A ROTATIONALLY ASYMMETRIC OPTICAL ELEMENT

• DISPOSITIF DE LOGEMENT À FAIBLE DÉFORMATION D'UN ÉLÉMENT OPTIQUE À RÉVOLUTION NON SYMÉTRIQUE

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Ulrich [DE/DE]; Ensingerstrasse 53, 89073 Ulm (DE).

(74) LORENZ, Werner; Alte Ulmer Strasse 2, 89522 Heidenheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL RO RU SC SD SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL RO RU SC SD SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G03F 7/20, G01M 11/02

(11) WO 03/087945 (13) A2

(21) PCT/EP03/03566

(22) 5 Apr/avr 2003 (05.04.2003)

(25) de (26) de

(30) 102 17 242.0 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERFEROMETRIC MEASURING DEVICE AND PROJECTION ILLUMINATION INSTALLATION COMPRISING ONE SUCH MEASURING DEVICE

• DISPOSITIF DE MESURE INTERFEROMETRIQUE ET INSTALLATION D'ECLAIRAGE DE PROJECTION POURVUE D'UN DISPOSITIF DE MESURE DE CE TYPE

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHRIEVER, Martin [DE/DE]; Auf der Heide 25, 73431 Aalen (DE). WEGMANN, Ulrich [DE/DE]; Erlenweg 5, 89551 Königsbronn (DE). HAIDNER, Helmut [DE/DE]; Jakob-Schweiker-Strasse 33, 73430 Aalen (DE).

(74) RUFF, WILHEM, BEIER, DAUSTER & PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G03F 7/20, B41J 2/447

(11) WO 03/087946 (13) A2

(21) PCT/IB03/01372

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 02076459.3 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF FORMING OPTICAL IMAGES, APPARATUS FOR CARRYING OUT SAID METHOD AND PROCESS FOR MANUFACTURING A DEVICE USING SAID METHOD

• PROCEDE DE FORMATION D'IMAGES OPTIQUES, APPAREIL DE MISE EN OEUVRE DE CE PROCEDE ET PROCEDE DE FABRICATION D'UN DISPOSITIF UTILISANT CE PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NELLISSEN, Antonius, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COBBEN, Louis, M., H.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/20

(11) WO 03/087947 (13) A2

(21) PCT/US03/02196

(22) 24 Jan/jan 2003 (24.01.2003)

(25) en (26) en

(30) 10/119,059 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE REPLICATION ELEMENT AND METHOD AND SYSTEM FOR PRODUCING THE SAME

• ELEMENT DE REPRODUCTION D'IMAGE ET PROCEDE ET SYSTEME PERMETTANT SA PRODUCTION

(71) DAY INTERNATIONAL, INC. [US/US]; 130 West Second Street, Dayton, OH 45402 (US).

(72) MCLEAN, Michael, E.; 7 Masters Crest Court, Etowah, NC 28729 (US). SCHERRMAN, Brett; 10507 Cobb Court, Huntersville, NC 28078-6498 (US). NECKERS, Douglas, C.; 108 Secor Woods Lane, Perrysburg, OH 43551-2748 (US). SERGUIEVSKI, Peter; 333 West 5th Street, Perrysburg, OH 43551-2748 (US).

(74) JIVIDEN, William, A. et al. / etc.; Killwoth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G03F 9/00, G03C 5/00, C23C 14/00, 14/32

(11) WO 03/087948 (13) A1

(21) PCT/US03/10517

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/122,876 12 Apr/avr 2002 US (12.04.2002)

(30) 10/303,341 22 Nov/nov 2002 US (22.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ATTENUATED EMBEDDED PHASE SHIFT PHOTOMASK BLANKS

• EBAUCHE DE MASQUE DE PHOTOGRAVURE AU DEPHASAGE INCLUS ATTENUÉ

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

(72) ANGELOPOULOS, Marie; 30 East Hill Road, Cortlandt Manor, NY 10567 (US). BABICH, Katherina; 153 Birchwood Close, Chappaqua, NY 10514 (US). CHEY, S., Jay; 38-1/2 Wolden Road, Apartment CB4, Ossining, NY 10562 (US). HIBBS, Michael, Straight; 1234 Old Stage Road, Westford, VT 05494 (US). LANG, Robert, N.; 615 North Avenue, Pleasant Valley, NY 12569 (US). MAHOROWALA, Arpan, Pravin; 475 Bronxville Road, Bronxville, NY 10708 (US). RACETTE, Kenneth, Christopher; 1163 Buck Hollow Road, Fairfax, VT 05454 (US).

(74) GROLZ, Edward, W. et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) CN IL JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G03G 9/08, 9/087

(11) WO 03/087949 (13) A1

(21) PCT/GB03/01520

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0208204.8 10 Apr/avr 2002 GB (10.04.2002)

(30) 0221090.4 11 Sep/sep 2002 GB (11.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEMICALLY PRODUCED TONER AND PROCESS THEREFOR

• TONER FABRIQUE CHIMIQUEMENT ET PROCEDE CORRESPONDANT

(71) AVECIA LIMITED [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDWARDS, Martin, Russell [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). MORRIS, Daniel, Patrick [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) PARLETT, Peter, Michael et al. / etc.; Intellectual Property Group, AVECIA Limited, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 9/087

(11) WO 03/087950 (13) A1

(21) PCT/JP03/04558

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111618 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TONER FOR DEVELOPING ELECTROSTATIC CHARGE IMAGE

• TONER CONCU POUR DEVELOPPER UNE IMAGE A CHARGE ELECTROSTATIQUE

(71) TOMOEGAWA PAPER CO., LTD. [JP/JP]; 5-15, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8335 (JP). TICONA GMBH [DE/DE]; Professor-Staudinger-Str., 65451 Kelsterbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARADA, Yoshiaki [JP/JP]; c/o Chemical Products Division of TOMOEGAWA PAPER CO., LTD., 3-1, Mochimunetomoe-cho, Shizuoka-shi, Shizuoka 421-0192 (JP). NAKAMURA, Toru [JP/JP]; 13-201, Tsukushino 3-chome, Abiko-shi, Chiba 270-1164 (JP).

(74) SUENARI, Mikio; Asaco Kyobashi Building, 3rd floor, 6-13, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) CA CN KR US.

(84) EP (BE DE FR GB IT NL).

(51)⁷ G03G 9/093

(11) WO 03/087951 (13) A1

(21) PCT/KR03/00714

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ko (26) en

(30) 10-2002-0019808 11 Apr/avr 2002 KR (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PREPARING OF NON-MAGNETIC MONOCOMPONENT COLOR TONER HAVING SUPERIOR LONG TERM STABILITY

• PROCEDE DE PREPARATION D'UN TONEUR COULEUR MONOCOMPONENT NON MAGNETIQUE AYANT UNE STABILITE A LONG TERME SUPERIEURE

(71) LG CHEM, LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Hyeung-Jin [KR/KR]; 108-910 Chowon apt., Mannyon-dong, Seo-gu, Daejeon-city 302-150 (KR). YOON, Tae-Hee [KR/KR]; 102-805 Dungji apt., Dunsan 2-dong, Seo-gu, Daejeon-city 302-734 (KR). PARK, Joo-Yong [KR/KR]; 203-1107 Gughwa apt., Samcheon-dong, Seo-gu, Daejeon-city 302-222 (KR). LEE, Chang-Soon [KR/KR]; 109-1603 Cheonggunarae apt., Jeonmin-dong, Yuseong-gu, Daejeon-city 305-729 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 15/00, 15/08, 21/00, 21/18

(11) WO 03/087952 (13) A1

(21) PCT/JP03/04701

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-113946 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-146891 21 May/mai 2002 JP (21.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE FORMATION DEVICE, DEVELOPMENT UNIT, AND COMPUTER SYSTEM

• DISPOSITIF DE FORMATION D'IMAGE, UNITE DE MISE AU POINT ET SYSTEME INFORMATIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIZUKA, Ken [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). TAKAHATA, Toshiya [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). IRIE, Yoichiro [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) ISSHIKI & CO.; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G03G 15/00

(11) WO 03/087953 (13) A1

(21) PCT/JP03/04702

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-113948 16 Apr/avr 2002 JP (16.04.2002)

(30) 2002-113947 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE FORMATION DEVICE, DEVELOPMENT UNIT, AND COMPUTER SYSTEM

• DISPOSITIF DE FORMATION D'IMAGE, UNITE DE MISE AU POINT ET SYSTEME INFORMATIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

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(72, 75) YOSHIZUKA, Ken [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). TAKAHATA, Toshiya [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). IRIE, Yoichiro [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) ISSHIKI & CO.; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G03G 15/08

(11) WO 03/087954 (13) A1

(21) PCT/JP03/04667

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110648 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONDUCTIVE ROLLER AND IMAGING APPARATUS

• ROULEAU CONDUCTEUR ET APPAREIL DE FORMATION D'IMAGE

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
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(71, 72) SHIOMURA, Yasuaki [JP/JP]; 1274-9, Totsuka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0003 (JP). MORI, Yuichiro [JP/JP]; 3-1-A-907, Kawabe-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0001 (JP). YAMAKAWA, Koji [JP/JP]; 710, Kamiyabe-cho, Totsuka-ku, Yokohama-shi, Kanagawa 245-0053 (JP).

(74) SUGIMURA, Kosaku; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G04F 1/00, G07C 1/00, B65B 55/00, B65D 81/24

(11) WO 03/087955 (13) A1

(21) PCT/PL03/00039

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) P-353516 18 Apr/avr 2002 PL (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FOOD PRODUCT FRESHNESS INDICATOR AND PACKAGING, SPECIFICALLY FOR FOOD PRODUCTS

• INDICATEUR DE FRAICHEUR D'UN PRODUIT ALIMENTAIRE ET EMBALLAGE SPECIFIQUE POUR PRODUITS ALIMENTAIRES

(71) SWIERCZEK, Remigiusz [PL/PL]; ul. Grzybowska 11b, PL-43-229 Cwiklice (PL).

(74) MALCHEREK, Piotr; Invent sp. z o.o., ul. Filaretów 21, PL-43-100 Tychy (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05B

(11) WO 03/087956 (13) A2

(21) PCT/US03/10234

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/120,117 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROBOTIC APPARATUS AND METHODS FOR MAINTAINING STOCKS OF SMALL ORGANISMS

• ROBOT ET PROCEDES POUR L'ENTRETIEN DE COLONIES DE PETITS ORGANISMES

(71) EXELIXIS, INC. [US/US]; 170 Harbor Way, P.O. Box 511, South San Francisco, CA 94083-0511 (US).

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(72, 75) DONALDSON, Jeffrey, D. [US/US]; 8550 SW Colony Creek Court, Tigard, OR 97224 (US). FISHER, William, W. [US/US]; 2708 Webster, Berkeley, CA 94705 (US). KELLER, Douglas, O. [US/US]; 1766 Fern Place, Lake Oswego, OR 97034 (US). SWARTWOOD, Troy, M. [US/US]; 14120 S.W. 98th Court, Tigard, OR 97224 (US).

(74) HAENDLER, Jeffrey, B.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, or 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G05B 13/00

(11) WO 03/087957 (13) A2

(21) PCT/EP03/03424

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 16 558.0 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND COMPUTER FOR EXPERIMENTAL DESIGN

• PROCEDE ET SYSTEME INFORMATIQUE POUR PLANIFIER DES ESSAIS

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHUPPERT, Andreas [DE/DE]; Stockbergergasse 46, 51515 Kürten (DE). OHRENBERG, Arne [DE/DE]; Takustr. 2, 50825 Köln (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G05B 17/02, 15/02

(11) WO 03/087958 (13) A1

(21) PCT/US02/29942

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 10/120,588 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ONE-DIMENSIONAL MODELING OF THE MANUFACTURE OF MULTI-LAYERED MATERIAL

• MODELAGE UNI-DIMENSIONNEL POUR FABRICATION DE MATERIAUX MULTICOUCHES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) BAY, Randy, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). COLLINS, Elisa, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). DOBBS, James, N.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) SZYMANSKI, Brian, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G05B 19/00

(11) WO 03/087959 (13) A2

(21) PCT/EP03/03822

(22) 12 Apr/avr 2003 (12.04.2003)

(25) de (26) de

(30) 102 16 588.2 14 Apr/avr 2002 DE
(14.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR EVALUATING MEASURED RESULTS FOR QUALITY CONTROL PURPOSES

• PROCEDE D'EVALUATION DE RESULTATS DE MESURE A DES FINS DE CONTROLE QUALITE

(71, 72) BLÜMICH, Bernhard [DE/DE]; Bergstrasse 31, 52159 Roetgen (DE). BRUDER, Michael [DE/DE]; Am Knill 65, 22147 Hamburg (DE).

(72, 75) KRAUSE, Karl-Heinz [DE/DE]; Berbisdorfer Kirchweg 12, 09123 Chemnitz (DE). RABKIN, Michael [DE/DE]; Peterkampweg 32, 22089 Hamburg (DE). STANGENBERG, Jürgen [DE/DE]; Küsterweg 39, 21079 Hamburg (DE).

(74) METZ, Siegfried; Bergstr. 2, 52159 Roetgen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/00

(11) WO 03/087960 (13) A2

(21) PCT/US03/11293

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,943 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROGRAMMABLE LOGIC CONTROLLER WITH PROGRAMMABLE HIGH-SPEED DIGITAL PROCESSING

• AUTOMATE PROGRAMMABLE A TRAITEMENT NUMERIQUE PROGRAMMABLE GRANDE VITESSE

(71) SCHNEIDER AUTOMATION INC. [—/US]; One High Street, North Andover, MA 01845 (US).

(72) BUDA, Paul, R.; 7917 Old Deer Trail, Raleigh, NC 27615 (US).

(74) GOLDEN, Larry, I.; Square D Company, 1415 S. Roselle Road, Palatine, IL 60067 (US).

(81) CA MX.

(51)⁷ G05B 19/02, H04N 7/10, 7/14, 7/173, G06F 13/00, 17/60

(11) WO 03/087961 (13) A1

(21) PCT/US03/09874

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,562 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED UTILIZATION OF DATA BROADCASTING TECHNOLOGY WITH HANDHELD CONTROL APPARATUS

• UTILISATION AMELIOREE DE LA TECHNOLOGIE DE DIFFUSION DE DONNEES A L'AIDE D'UN APPAREIL DE COMMANDE TENU A LA MAIN

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) **BRAUN, David Alan**, [US/US]; 2 Mabro Dr., Denville, NJ 07834 (US). **MA, Yue** [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). **CHANG, Chieh-Chung** [US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). **KHANDELWAL, Rajesh Bhagwandas**, [US/US]; 1031 Buxton Rd., Bridgewater, NJ 08807 (US). **KAPLAN, Alan** [US/US]; 9 Erdman Ave., Princeton, NJ 08540 (US). **SITNIK, Eran** [US/US]; 3 Hillside Terrace, Ossining, NY 10562 (US).

(74) **STOBBS, Gregory A.**, et al. / etc.; HARNES, DICKEY & PIERCE, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G05B 19/042**

(11) **WO 03/087962** (13) A1

(21) PCT/DE03/01237

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 16 288.3 **12 Apr/avr 2002 (12.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR RECONFIGURING AN AUTOMATION DEVICE

• PROCEDE DE RECONFIGURATION D'UN DISPOSITIF D'AUTOMATISATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKER, Peter** [DE/DE]; Wilhelm-Busch-Str. 2, 76571 Gaggenau (DE). **RENSCHLER, Albert** [DE/DE]; Schluchtstr. 3a, 76275 Ettlingen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ **G05B 19/042**

(11) **WO 03/087963** (13) A2

(21) PCT/EP03/03761

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de

(30) 102 16 332.4 **13 Apr/avr 2002 (13.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEASURING DEVICE FOR PROCESS ENGINEERING AND OPERATING METHOD FOR A MEASURING DEVICE

• DISPOSITIF DE MESURE POUR PROCESSUS INDUSTRIELS ET MODE DE FONCTIONNEMENT D'UN DISPOSITIF DE MESURE

(71) **ENDRESS + HAUSER CONDUCTA GMBH+CO. KG** [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNZERT, Michael** [DE/DE]; Christian-Leichtle-Strasse 16, 74388 Talheim (DE). **GEHRKE, Martin** [DE/DE]; Adelheidweg 13/2, 71384 Weinstadt (DE).

(74) **ANDRES, Angelika**; c/o Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G05B 19/418, G08C 19/00, H04B 3/54**

(11) **WO 03/087964** (13) A1

(21) PCT/EP03/03759

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 16 330.8 **13 Apr/avr 2002 (13.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEASURING DEVICE USED IN PROCESS TECHNOLOGY, COMPRISING A CENTRAL POWER SUPPLY UNIT

• DISPOSITIF DE MESURE POUR PROCESSUS INDUSTRIELS À ALIMENTATION ÉLECTRIQUE CENTRALE

(71) **ENDRESS & HAUSER CONDUCTA GMBH & CO. KG** [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEHRKE, Martin** [DE/DE]; Adelheidweg 13/2, 71384 Weinstadt (DE). **BEUEL, Stefan** [DE/DE]; Bachenbergstrasse 71, 72124 Pliezhausen (DE).

(74) **ANDRES, Angelika**; c/o Endress & Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G05B 19/418**

(11) **WO 03/087965** (13) A2

(21) PCT/EP03/03760

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 16 331.6 **13 Apr/avr 2002 (13.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEASURING DEVICE FOR PROCESS ENGINEERING AND OPERATING METHOD FOR A MEASURING DEVICE

• DISPOSITIF DE MESURE POUR PROCESSUS INDUSTRIELS ET MODE DE FONCTIONNEMENT D'UN DISPOSITIF DE MESURE

(71) **ENDRESS + HAUSER CONDUCTA GMBH+CO. KG** [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNZERT, Michael** [DE/DE]; Christian-Leichtle-Strasse 16, 74388 Talheim (DE). **WITTMER, Detlev** [DE/DE]; Distelweg 34, 75433 Maulbronn (DE).

(74) **ANDRES, Angelika**; c/o Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G05B 19/418**

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(21) PCT/US03/10401

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/372,619 **12 Apr/avr 2002 (12.04.2002)** US

(30) 10/126,145 **19 Apr/avr 2002 (19.04.2002)** US

(30) 10/304,399 **26 Nov/nov 2002 (26.11.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR RECORDING DATA MONITORED DURING THE MANUFACTURE OF MOLDED OPHTHALMIC LENSES

- PROCEDE ET SYSTEME PERMETTANT L'ENREGISTREMENT DE DONNEES DE CONTROLE RELEVES PENDANT LA FABRICATION DE VERRES OPHTALMIQUES MOULES

(71) JOHNSON & JOHNSON VISION CARE [US/US]; 7596 Centurion Parkway, Jacksonville, FL 33256 (US).

(72) LEPPER, John; 1143 Preston Place, Jacksonville, FL 32207 (US). CANDIDO, Washington; 8843 Canopy Oaks Drive, Jacksonville, FL 32256 (US). SANKA, Ravi; 10322 Heather Glen Dr., N., Jacksonville, FL 32256 (US). WANG, Daniel; 5050 Riverbrook Court, Jacksonville, FL 32277 (US). WALKER, Lamar; 13841 Danforth Dr., S, Jacksonville, FL 32224 (US). JONES, J., Mark; 1198 Popolee Road, Jacksonville, FL 32259 (US).

(74) JOHNSON, Philip, S., et al. / etc.; JOHNSON & JOHNSON, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G05B 23/02

(11) WO 03/087967 (13) A1

(21) PCT/US03/11212

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/122,041 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR IMPROVING FAULT CLASSIFICATIONS

- PROCEDE ET APPAREIL D'AMELIORATION DES CLASSIFICATIONS D'ERREURS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) FELKE, Timothy, J.; 5736 W. Windrose Drive, Glendale AZ 85304 (US). VAN DER ZWEEP, Jeff, J.; 7728 W. Carlota Lane, Peoria, AZ 85383 (US). MAGNUSON, Randy, R.; 6106 E. Coyote Wash Drive, Scottsdale, AZ 85262 (US). KOLBET, David, M.; 17915 N. 53rd Drive, Glendale, AZ 85308 (US).

(74) CRISS, Roger, H. et al. / etc.; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05D 1/02

(11) WO 03/087968 (13) A1

(21) PCT/RU02/00169

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THE REMOTE CONTROL SYSTEM FOR VEHICLES

- TELECOMMANDE POUR VEHICULES

(71, 72) KUZNETSOV, Alexei [RU/RU]; pr. Buddennogo, 1/1-1-100, Moscow, 105118 (RU).

(81) RU US.

Published / Publiée : (a)

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ G05D 16/06

(11) WO 03/087969 (13) A1

(21) PCT/GB03/01569

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208325.1 11 Apr/avr 2002 GB (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRESSURE REGULATOR

- REGULATEUR DE PRESSION

(71) IMI NORGREN LIMITED [GB/GB]; Eastern Avenue, P.O. Box 22, Lichfield, Staffordshire WS13 6SB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBB, Adrian [GB/GB]; Cider Mill Cottage, Chapel Lane, Mickleton, Gloucestershire GL55 6SD (GB). HARROLD,

Martyn [GB/GB]; 13 The Close, Hampton Lucy, Warwickshire CV35 8AY (GB). SIMMONS, Phillip, Andrew [GB/GB]; c/o IMI Vision Limited, Tything Road, Arden Forest Industrial Estate, Alcester, Warwickshire B49 6EU (GB).

(74) BARKER, Brettell; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F

(11) WO 03/087970 (13) A2

(21) PCT/BR03/00004

(22) 15 Jan/jan 2003 (15.01.2003)

(25) en (26) en

(30) PI0201651-6 17 Apr/avr 2002 BR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPUTATIONAL METHOD FOR MEDIATING ASYNCHRONOUS GROUP DISCUSSIONS

- PROCEDE INFORMATIQUE DE MEDIATION POUR LES DISCUSSIONS DE GROUPES ASYNCHRONES

(71, 72) ELEUTERIO, Marco-Antonio [BR/BR]; Rua Candido Xavier, 234 - AP. 11, Agua Verde, 80240-280 Curitiba - PR (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087971 (13) A2

(21) PCT/IB02/01196

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPERATING COSTS TRACKING SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE SUIVI DE COUTS D'EXPLOITATION
- (71) **SEMA UK LTD.** [GB/GB]; 8th Floor, South Quay Plaza II, 183 Marsh Wall, London E14 9SH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **SCHLUMBERGER MALCO, INC.** [US/US]; 9800 Reistertown Road, Owing Mills, MD 21117 (US).
(only for / seulement pour MC)
- (72, 75) **JONES, Gareth** [GB/GB]; 79, Parsonage Road, Heaton Moor, Stockport SK4 4JL (GB). **DAW, Ben** [GB/GB]; Flat 1, 155 Heaton Moor Road, Heaton Moor, Stockport SK4 4HY (GB). **RICHARDSON, Alan** [GB/GB]; 62 Charlton Avenue, Hyde, Cheshire SK14 4ES (GB).
- (74) **FERNANDEZ, Francis**; c/o Schlumberger Systemes, Intellectual Property Department, 50, avenue Jean Jaurès, F-92120 Montrouge (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 03/087972** (13) A2
- (21) PCT/IB03/01317
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) 60/373,760 **17 Apr/avr 2002 US (17.04.2002)**
- (30) 10/387,807 **12 Mar/mar 2003 US (12.03.2003)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STORE-AND-FORWARD SERVER AND IM SERVICE METHOD IMPLEMENTED IN IMS
- SERVEUR ENREGISTREMENT ET TRANSFERT, ET PROCEDE SERVICE IM MIS EN APPLICATION EN IMS
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72) **COSTA REQUENA, Jose**; Karjalankatu 11 A 11, FIN-00520 Helsinki (FI). **ESPIGARES, Inmaculada**; Karjalankatu 11 A 11, FIN-00520 Helsinki (FI). **FERNANDEZ-FUENTES, Jose**; Kellosaarenranta 1D 70, FIN-00180 Helsinki (FI). **HAATAJA, Timo**; Urheilutie 8 A B 8, FIN-02700 Kauniainen (FI). **KALLIOKULJU, Juha**; Jokioisentie 5, FIN-37470 Vesilähti (FI). **EINOLA, Heikki**; Kivirinne 13, FIN-02760 Espoo (FI). **HOLOPAINEN, Tapio**; Selkamerenkatu 16 A 7, FIN-00180 Helsinki (FI).

(74) **MAGUIRE, Francis, J. et al.** / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 03/087973** (13) A2

(21) PCT/IB03/01441

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) en (26) en

(30) 60/373,498 **18 Apr/avr 2002 US (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THUMB TOUCH TYPING

• SAISIE TACTILE AVEC LE POUCE

(71) **INNOMEDIA TECHNOLOGIES PVT. LTD.** [IN/IN]; #3278 12th Main Road, HAL II Stage, Indiranagar, Bangalore 560 008 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMBE, Mohan** [IN/IN]; #202, Vara Ferndale, 1st, Main Kodihalli, Bangalore 560008 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **G06F**

(11) **WO 03/087974** (13) A2

(21) PCT/IL03/00296

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/371,454 **9 Apr/avr 2002 US (09.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPUTERIZED TRADING SYSTEM AND METHOD USEFUL THEREFOR

• SYSTEME DE TRANSACTIONS COMMERCIALES INFORMATISE ET PROCEDE UTILISE A CET EFFET

(71, 72) **ARAZI, Matan** [IL/US]; 12646 Montana Avenue, #8, Los Angeles, CA 90049 (US). **SETTON, Guy** [IL/GB]; 54A Tudor Close, London, NW3 4AG (GB).

(74) **SANFORD, T. Colb & Co.** et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 03/087975** (13) A2

(21) PCT/IL03/00305

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,156 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM ON CHIP FOR DIGITAL CONTROL OF ELECTRONIC POWER DEVICES

• SYSTEME SUR PUCE POUR LA COMMANDE NUMERIQUE DE DISPOSITIFS ELECTRONIQUES DE PUISSANCE

(71) **SYSTEM DEVELOPMENT & INDUSTRIES LTD.** [IL/IL]; 12A Hamada St., Tamar Bldg., 76703 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUBIN, Daniel** [IL/IL]; 5 Hatayasim St., 74062 Ness Ziona (IL). **LEV, Arie** [IL/IL]; 40A Hamagen St., 76804 Mazkeret Batya (IL). **RABINOVITZ, Eytan** [IL/IL]; 8/8 Inbar St., 75436 Rishon Lezion (IL). **MOGILNER, Rafael** [IL/IL]; 5 Hakalanit St., 76608 Rehovot (IL).

(74) **FRIEDMAN, Mark, M.**; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/087976 (13) A2

(21) PCT/US02/11514

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR DIGITAL
MEDIA DESIGN

- SYSTEME ET PROCEDE DE CONCEP-
TION DE SUPPORTS NUMERIQUES

- (71) AVERY DENNISON CORPORATION
[US/US]; 150 North Orange Grove Boul-
vard, Pasadena, CA 91103 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) EDWARDS, David [US/US]; 2900
Bradley Street, Pasadena, CA 91107-1599
(US). KLEINJAN, Marc [NL/NL]; Marie
Heinekenplain 1002, 1072 MN Amsterdam
(NL).

- (74) HANSEN, Scott, H. et al. / etc.; Oppen-
heimer Wolff & Donnelly LLP, 840 Newport
Center Drive, Suite 700, Newport Beach, CA
92660-7007 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087977 (13) A2

(21) PCT/US02/21980

(22) 10 Jul/juil 2002 (10.07.2002)

(25) en (26) en

(30) PCT/US02/11514 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR DIGITAL
MEDIA

- SYSTEME ET PROCEDE POUR SUP-
PORTS NUMERIQUES

- (71) AVERY DENNISON CORPORATION
[US/US]; 150 North Orange Grove Boul-
vard, Pasadena, CA 91103 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) EDWARDS, David [US/US]; 150 North
Orange Grove Boulevard, Pasadena, CA
91103 (US). KLEINJAN, Marc [US/US];
150 North Orange Grove Boulevard,
Pasadena, CA 91103 (US).

- (74) HANSEN, Scott, H. et al. / etc.; Oppen-
heimer Wolff & Donnelly LLP, Suite 700, 840
Newport Center Drive, Newport Beach, CA
92660-7007 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087978 (13) A2

(21) PCT/US03/10037

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,740 5 Apr/avr 2002 US
(05.04.2002)

(30) 10/334,489 30 Dec/déc 2002 US
(30.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM FOR EFFICIENT RECOV-
ERY OF NODE B BUFFERED DATA
FOLLOWING SERVING HIGH SPEED
DOWNLINK SHARED CHANNEL
CELL CHANGE

- SYSTEME DE RECUPERATION EF-
FICACE DE DONNEES MISES EN
TAMPON DE NOEUD B APRES EXE-
CUTION D'UN CHANGEMENT DE
CELLULE POUR UN CANAL PAR-
TAGE EN LIAISON DESCENDANTE
GRANDE VITESSE

- (71) INTERDIGITAL TECHNOLOGY COR-
PORATION [US/US]; 300 Delaware Ave-
nue, Suite 527, Wilmington, DE 19801
(US).

- (72) CHAO, Yi-Ju; 305 Maplewood Road, Hunt-
ington Station, NY 11746 (US). TERRY,
Stephen, E.; 15 Summit Avenue, Northport,
NY 11768 (US).

- (74) VOLPE, Anthony, S. et al. / etc.; Volpe
and Koenig, P.C., United Plaza, Suite 1600,
30 South 17th Street, Philadelphia, PA 19103
(US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/087979 (13) A2

(21) PCT/US03/10191

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/371,027 9 Apr/avr 2002 US
(09.04.2002)

(30) 10/247,980 20 Sep/sep 2002 US
(20.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SYSTEM FOR PROCESSING
HEALTHCARE CLAIM DATA

- SYSTEME DE TRAITEMENT DE DON-
NEES DE DEMANDES DE SOINS DE
SANTE

- (71) SIEMENS MEDICAL SOLUTIONS
HEALTH SERVICES CORPORA-
TION [US/US]; 51 Valley Stream Parkway,
Malvern, PA 19355 (US).

- (72) FITZGERALD, David; 18 Farmington
Circle, West Grove, PA 19390 (US). LU-
CAS, Brian; 101 Cascade Road, Springfield,
PA 19064 (US). LONG, Greg; 205 Cardinal
Drive, Conshohocken, PA 19428 (US).
KLASSEN, SR., David Hiebert; 65 Devon
Road, Paoli, PA 19301 (US). HUNTER,
John; 189 Jonathan Drive, North Wales,
PA 19454 (US). ZIMMERMAN, Jon; 416
Pointsett Avenue, Pitman, NJ 08071 (US).

- (74) BURKE, Alexander J. et al. / etc.; Siemens
Corporation - Intellectual Property Dept., 186
Wood Ave. South, Iselin, NJ 08830 (US).

(81) CA JP.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ G06F

(11) WO 03/087980 (13) A2

(21) PCT/US03/10357

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,872 8 Apr/avr 2002 US
(08.04.2002)

(30) 10/406,620 3 Apr/avr 2003 US
(03.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • LIVE PERFORMANCE AUDIO MIX-
ING SYSTEM WITH SIMPLIFIED
USER INTERFACE

- SYSTEME DE MELANGE AUDIO
POUR INTERPRETATION EN DIRECT
AVEC INTERFACE UTILISATEUR
SIMPLIFIEE

- (71) GIBSON GUITAR CORP. [US/US]; 309
Plus Park Boulevard, Nashville, TN 37217
(US).

- (72) YEAKEL, Nathan.; 585 Old San Fran-
cisco Road, Sunnyvale, CA 94086 (US).

- VALLIER, Jeff.; 1283 Old Mountain View Alviso Road, Unit F, Sunnyvale, CA 94089 (US). BILLEN, David.; 309 Plus Park Blvd., Nashville, TN 37217 (US).
- (74) SHOUSE, Emily A.; WADDEY & PATTERSON, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087981 (13) A2
- (21) PCT/US03/10393
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10/119,578 10 Apr/avr 2002 US (10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • EBOOK READING TIMER
- MINUTERIE DE LECTURE DE LIVRE ELECTRONIQUE (E-BOOK)
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) JOHNSON, Carolyn, Rae [US/US]; 10736 Cornerstone Court, Indianapolis, IN 46820 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Licensing, Inc., 2 Independence Way, Suite 2, Princeton, NJ 08543 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087982 (13) A2
- (21) PCT/US03/10459
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/371,035 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND SYSTEM FOR PROBLEM DETERMINATION IN DISTRIBUTED ENTERPRISE APPLICATIONS
- PROCEDE ET SYSTEME DE DETERMINATION DE PROBLEME DANS DES APPLICATIONS D'ENTREPRISES DISTRIBUTUEES
- (71) CYANEA SYSTEMS CORP. [US/US]; 2001 Broadway, 3rd Floor, Oakland, CA 94612 (US).
- (72) CHONG, James, C.; 153 Lombary Lane, Orinda, CA 94563 (US). CHAN, Joseph, L.; 3984 El Nido Ranch Road, Lafayette, CA 94594 (US). PATEL, Tushar, M.; 658 40th Avenue, San Francisco, CA 94121 (US). HELER, Jean-Jacques; 4192 Rincon Circle, Palo Alto, CA 94306 (US). SO, Chi Hong; 150 Cleaveland Road, Apartment 104, Pleasant Hill, CA 94523 (US). TSANG, Arthur; 1473 Treat Boulevard, Apartment 1618, Walnut Creek, CA 94596 (US). LAM, Robert, S.; 320 Caldecott Lane, #306, Oakland, CA 94618 (US). CHOW, Raymond; 143 Minerva Way, San Ramon, CA 94583 (US). TANG, Henry; 1751 Magnolia Way, Walnut Creek, CA 94595 (US).
- (74) ROSENTHAL, Robert, E. et al. / etc.; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087983 (13) A2
- (21) PCT/US03/10468
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 10/120,420 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MASSIVE TRAINING ARTIFICIAL NEURAL NETWORK (MTANN) FOR DETECTING ABNORMALITIES IN MEDICAL IMAGES
- APPRENTISSAGE MASSIF DESTINE A UN RESEAU NEURONAL ARTIFICIEL POUR LA DETECTION D'ANOMALIES DANS DES IMAGES MEDICALES
- (71) THE UNIVERSITY OF CHICAGO [US/US]; 5841 S. Maryland Avenue, Chicago, IL 60637 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Kenji [JP/US]; 500 Chase Drive, Apt. No.8, Clarendon Hills, IL 60514 (US). DOI, Kunio [JP/US]; 6415 Lane Ct., Willowbrook, IL 60527 (US).
- (74) KUESTERS, Eckhard, H.; Oblon, Spivak, McClelland, Maier, & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087985 (13) A2
- (21) PCT/US03/10634
- (22) 7 Apr/avr 2003 (07.04.2003)

- (25) en (26) en
 (30) 60/371,662 **10 Apr/avr 2002** US
 (10.04.2002)
 (30) 10/252,761 **23 Sep/sep 2002** US
 (23.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR MANAGING A VIRTUAL MUTUAL FUND
 • PROCEDE ET DISPOSITIF PERMETTANT DE GERER UN FONDS COMMUN DE PLACEMENT VIRTUEL

(71, 72) ARNOTT, Robert, D. [US/US]; 1325 Lombardy Road, Pasadena CA 91106 (US).

(74) CIRE, Frank, L.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087986 (13) A2

(21) PCT/US03/10657

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,246 **4 Apr/avr 2002** CA
 (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CROSSTALK MASKING FOR DIGITAL SUBSCRIBER LOOPS
 • MASQUAGE DE DIAPHONIE POUR DES LIGNES D'ABONNES NUMERIQUES

(71) CATENA NETWORKS, INC. [US/US]; 303 Twin Dolphin Drive, Suite 600, Redwood Shores, CA 94065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCCLENNON, Scott [CA/CA]; 209 Chandler Avenue, Ottawa, Ontario K2C 0G3 (CA). PAQUETTE, Andre [CA/CA]; 27 Highmont Court, Kanata, Ontario T2T 1B3 (CA).

(74) HAMILTON, Charles, L. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 03/087987 (13) A1

(21) PCT/US03/10726

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) PCT/US02/11434 **10 Apr/avr 2002** US
 (10.04.2002)

(30) 10/246,580 **18 Sep/sep 2002** US
 (18.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • AUTOMATED ONLINE PURCHASING SYSTEM
 • SYSTEME D'ACHAT EN LIGNE AUTOMATISE

(71) APPLIED MINDS, INC. [US/US]; 1209 Grand Central Avenue, Glendale, CA 91201-2425 (US).

(72) HILLIS, W., Daniel; 4750 Encino Avenue, Encino, CA 91316 (US). FERREN, Bran; 1236 Benedict Canyon Drive, Beverly Hills, CA 90210 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087988 (13) A2

(21) PCT/US03/10753

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,095 **9 Apr/avr 2002** US
 (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHODS FOR MODELING MATERIAL RESPONSE TO APPLIED FORCE
 • PROCEDES PERMETTANT DE MODELER LA REPONSE D'UN MATERIAU A UNE FORCE APPLIQUEE

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).

(72) GHABOUSSI, Jamshid; 107 W. George Huff Dr., Urbana, IL 61801 (US). HASHASH, Youssef, M. A.; 1803 Golfview Drive, Urbana, IL 61801 (US).

(74) FALLON, Steven, P. et al. / etc.; Greer, Burns & Crain, Ltd., 300 S. Wacker Drive - Suite 2500, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087989 (13) A2

(21) PCT/US03/10790

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/120,915 **11 Apr/avr 2002** US
 (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • AUTOMATED SYSTEM FOR CONTROL AND DIAGNOSTICS FOR DISPENSING SYSTEM
 • SYSTEME AUTOMATISE DESTINE A COMMANDER ET A DIAGNOSTIQUER DES SYSTEMES DE DISTRIBUTION

(71) C.C.T. MANUFACTURING, INC. [US/US]; 6411 Vicksburg Court, Acworth, GA 30101 (US).

(72) CHERFANE, Raymond; 6411 Vickburg Court, Acworth, GA 30101 (US). COCCIADIFERRO, Edward; P.O. Box 15001, Asheville, NC 28813 (US).

(74) BUFALINO, Angelo, J.; Vedder Price Kaufman & Kammholz, 222 N. LaSalle Street, Chicago, IL 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087990 (13) A2

(21) PCT/US03/10839

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

- (30) 60/371,077 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A SYSTEM AND METHOD FOR ENCODING AND DECODING DATA AND POSITION INFORMATION USING ANGULAR SYMBOLOGY AND BEACONS
• SYSTEME ET PROCEDE POUR LE CODAGE/DECODAGE DE DONNEES ET D'INFORMATION DE POSITION PAR SYMBOLOGIE ANGULAIRE ET BALISES
- (71) THE ESCHER GROUP, LTD. [US/US]; 101 Main Street, Cambridge, MA 02142 (US).
- (72) METOIS, Eric; 6 Ortona Street, Arlington, MA 02476 (US).
- (74) SHEEHAN, Patricia, A. et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087991 (13) A2
- (21) PCT/US03/10846
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,073 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR AUTHENTICATION OF A WORKPIECE USING THREE DIMENSIONAL SHAPE RECOVERY
• SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UNE PIECE PAR MAINTIEN DE LA FORME TRIDIMENSIONNELLE
- (71) THE ESCHER GROUP, LTD. [US/US]; 101 Main Street, Cambridge, MA 02142 (US).
- (72) SMITH, Joshua, R.; 30 Essex Street, Cambridge, MA 02139 (US).
- (74) SHEEHAN, Patricia, A. et al. / etc.; Cesari and McKenna, 88 Black Falcon Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087993 (13) A2
- (21) PCT/US03/10859
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,113 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • OLIGONUCLEOTIDE PROBES FOR GENOSENSOR CHIPS
• SONDES OLIGONUCLEOTIDIQUES POUR PUCES DE GENOCAPTEUR
- (71, 72) BEATTIE, Kenneth, L. [US/US]; 1326 Open Range Road, Crossville, TN 38555 (US). DOKTYCZ, Mitchel, J. [US/US]; 1405 Rush Limbaugh Lane, Knoxville, TN 37932 (US). MENDEZ-TENORIO, Alfonso [MX/MX]; Sur 127 No. 2316 Col. Gabriel Ramos Millan, Mexico City, D.F. 08720 (MX). MALDONADO-RODRIGUEZ, Rogelio [MX/MX]; Cerrada Merced de las Huertas #28, Mexico City, D.F. 11420 (MX). GUERRA-TREJO, Armando [MX/MX]; Nilo 180 Col. Claverla, Mexico City, D.F. 02080 (MX).
- (74) ADLER, Benjamin, A.; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/087994 (13) A2
- (21) PCT/US03/10974
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (30) 60/371,466 **10 Apr/avr 2002** US
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR VISUALIZING DATA
• SYSTEME ET PROCEDE DE VISUALISATION DE DONNEES
- (71) IMAGINE XD, INC. [US/US]; 54 C Middlesex Turnpike, Burlington, MA 01803 (US).
- (72) HURLEY, Peter; 137 South Merrimack Road, Hollis, NH 03049 (US). NAJDA, Andrew; 356 Rutland Street, Carlisle, MA 01741 (US). COBAU, Joseph, J.; 70 Otis Street, Melrose, MA 02176 (US). FRIED, Steven, C.; 18 Baker Avenue, Lexington, MA 02421 (US).
- (74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087995 (13) A2

(21) PCT/US03/11000

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,561 11 Apr/avr 2002 US (11.04.2002)

(30) 10/261,114 30 Sep/sep 2002 US (30.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SYSTEM AND METHOD FOR SPECULATIVE TUNING

• SYSTEME ET PROCEDE DE SYNTONISATION SPECULATIVE

(71) DIGEO, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98003 (US).

(72) FARRAND, Tobin; 25731 Deerfield Drive, Los Altos, CA 94022 (US). KOLDE, Hubert; 5060 Butterworth Road, Mercer Island, WA 98040 (US).

(74) CHRISTENSEN, Kory; STOEL RIVES LLP, One Utah Center, 201 So. Main Street, Suite 1100, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087996 (13) A2

(21) PCT/US03/11119

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,720 12 Apr/avr 2002 US (12.04.2002)

(30) 10/373,590 26 Feb/fév 2003 US (26.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR COLLECTING STORING PRESENTING AND ANALYZING IMMUNIZATION DATA HAVING REMOTE STATIONS IN COMMUNICATION WITH A VACCINE AND DISEASE DATABASE OVER A NETWORK

• SYSTEME DE COLLECTE, DE STOCKAGE, DE PRESENTATION ET D'ANALYSE DE DONNEES DE VACCINATION DANS LEQUEL DES STATIONS ELOIGNEES COMMUNIQUENT AVEC UNE BASE DE DONNEES DE VACCINATION ET DES MALADIES AU SEIN D'UN RESEAU

(71) BECTON, DICKSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

(72) FUERST, Oren; 22 East 95th Street, New York, NY 10128 (US). ROSENBERG, Zeil; 40 Yale Place, Closter, NJ 07624 (US).

(74) LONGANECKER, Stacey et al. / etc.; Roylance, Abrams, Berdo & Goodman, Suite 600, 1300 19th Street, N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087997 (13) A2

(21) PCT/US03/11135

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,463 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR ENHANCING LIVE STREAM DELIVERY QUALITY USING PREBURSTING

• PROCEDE ET SYSTEME PERMETTANT D'AMELIORER LA QUALITE DE LIVRAISON DE FLOT REEL UTILISANT LA TECHNIQUE DE $\leq$ PRE-RAFALE $\geq$

(71) AKAMAI TECHNOLOGIES, INC. [US/US]; 8 Cambridge Center, Cambridge, MA 02142 (US).

(72) SITARAMAN, Ramesh, K.; 195 Binney Street Apt. #2222, Cambridge, MA 02142 (US).

(74) JUDSON, David, H. et al. / etc.; 8 Cambridge Center, Cambridge, MA 02142 (US).

(81) AU CA JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 03/087998 (13) A2

(21) PCT/US03/11140

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en

(26) en

(30) 10/118,656 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GROUP MANAGEMENT

• GESTION COLLECTIVE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02140 Espoo (FI).

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, Tx 75039 (US). (only for / seulement pour LC)

(72, 75) KALLIOKULJU, Juha [FI/FI]; Jokios-tentie 5, FIN-37470 Vesilahti (FI). TURUNEN, Matti [FI/FI]; Kukkuraisenkatu 4, FIN-33700 Tampere (FI).

(74) MAGUIRE, Francis, J. et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/087999 (13) A2

(21) PCT/US03/11151

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/122,283 12 Apr/avr 2002 US (12.04.2002)

(30) 10/122,256 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR ANIMAL FEED MARKET ANALYSIS

• SYSTEME ET PROCEDE D'ANALYSE DE MARCHE D'ALIMENTS POUR ANIMAUX

(71) CAN TECHNOLOGIES, INC. [US/US]; 12900 Whitewater Dr., Minnetonka, MN 55343 (US).

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(72, 75) THOMPSON, Valerie [US/US]; 60 East Road, Circle Pines, MN 55014 (US). CRAIG, Mike [US/US]; 1210 County Road 39NW, Monticello, MN 55362 (US). COOK, David, A. [US/US]; 12162 Unity Circle NW, Coon Rapids, MN 55448 (US).

(74) PIERING, Scott, T.; Cargill, Incorporated, Law Department, P.O. Box 5624, Minneapolis, MN 55440-5624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/088000 (13) A2

(21) PCT/US03/11230

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,292 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE STANDARDIZA-
TION AND SYNDICATION OF BUSI-
NESS TRANSACTIONS

• PROCEDE DE NORMALISATION ET
DE GROUPEMENT DE TRANSAC-
TIONS COMMERCIALES

(71) ARGOMUNDUS, INC. [US/US]; 54 Essex
Drive, Little Silver, NJ 07739-1234 (US).

(72) DOYLE, Robert, E.; 733 Bush Place, Para-
mus, NJ 07652 (US). GANDEL, Herbert; 54
Essex Drive, Little Silver, NJ 07739 (US).

(74) IM, Andrew, C.; Fulbright & Jaworski LLP,
666 Fifth Avenue, New York, NY 10103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/088001 (13) A2

(21) PCT/US03/11305

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/120,221 11 Apr/avr 2002 US
(11.04.2002)

(30) 60/439,895 14 Jan/jan 2003 US
(14.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VOTER INTERFACE FOR ELEC-
TRONIC VOTING SYSTEM

• INTERFACE DE VOTANT POUR SYS-
TEME DE VOTE ELECTRONIQUE

(71) BARDEN TECHNOLOGIES, INC.
[US/US]; 29060 Airport Drive, Romulus,
MI 48174 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOCI, John [US/US]; 34824 Michigan
Avenue, Wayne, MI 48184 (US).

(74) MACK, Lisa, K.; Dykema Gossett PLLC,
39577 Woodward Avenue, Suite 300, Bloom-
field Hills, MI 48304-5086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/088002 (13) A2

(21) PCT/US03/11380

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,256 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MANAGING MULTIPLE VIRTUAL
MACHINES

• GESTION DE MACHINES VIR-
TUELLES MULTIPLES

(71) LINUXCARE, INC. [US/US]; 650
Townsend Street, San Francisco, CA 94130
(US).

(72) DeVRIES, David, Alexander; 73 William
Street, Suite 205, Ottawa, Ontario K1N 7A4
(CA). OLBERT, Arthur, E.; 8012 Danforth
Cove, Austin, TX 78746 (US). O'NEILL,
David, M.; 26 Northview Road, Apt.1, Ot-
tawa, Ontario K2E 7E4 (CA). NEUFELD,
Christopher; 70 Deerfield Drive, #511, Ot-
tawa, Ontario K2G 4L2 (CA).

(74) HOFFMAN, Brian, M. et al. / etc.; Fen-
wick & West LLP, Silicon Valley Center, 801
California Street, Mountain View, CA 94041
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/088003 (13) A2

(21) PCT/US03/11385

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en

(26) en

(30) 10/121,477 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR FAC-
ILITATING HANDLING OF OBJECTS
• PROCEDE ET APPAREIL PERMET-
TANT DE FACILITER LA MANIPULA-
TION D'OBJETS

(71) TALKFLOW SYSTEMS, LLC [US/US];
The Governor Tyler, 1902 Downey Street,
Radford, VA 24141 (US).

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les États désignés sauf US)

(72, 75) LIEBERMAN, Eric [US/US]; 79 Den-
nison Road, State Rt. 617, Essex, CT 06426
(US). LOWERY, Brian [US/US]; 90 Fern
Street, Naugatuck, CT 06770 (US). KIRK,
Julian, P. [US/US]; 384 Camp Creek Road,
Riner, VA 24149 (US). KIRK, Randal, J.
[US/US]; P.O. Box 89, State Rt. 617, Bel-
spring, VA 24058 (US). NANCE, William,
P. [US/US]; 1101 Polk Ford Road, Stanfield,
NC 28163 (US). LEE, Dennis, K. [US/US];
4707 South Hill View Drive, Charlotte,
NC 28212 (US). GRAYSON, Michael, H.
[US/US]; 1701 Burtonwood Circle, Char-
lotte, NC 28212 (US). GROGAN, Joanne
[IE/US]; 53 Woodland Court, Meriden, CT
06450 (US).

(74) KAUFMAN, Marc, S.; Nixon Peabody LLP,
8180 Greensboro Drive, Suite 800, McLean,
VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 03/088004 (13) A2

(21) PCT/US03/11613

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,074 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THE COP PROTEIN DESIGN TOOL

• INSTRUMENT DE CONCEPTION DE
PROTEINE COP

(71) CALIFORNIA INSTITUTE OF TECH-
NOLOGY [US/US]; 1200 E. California
Boulevard, MS 201-85, Pasadena, CA 91125
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GODDARD, William, A. [US/US]; 950
Arden Road, Pasadena, CA 91106 (US).
VAIDEHI, Nagarajan [US/US]; 1555 N.
Santa Anita Avenue, Arcadia, CA 91006
(US). ZHANG, Deqiang [CN/US]; 5360

- Toscana Way #119, San Diego, CA 92122 (US).
- (74) LU, Yu et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/088005 (13) A2
- (21) PCT/US03/12184
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (30) 10/116,689 3 Apr/avr 2002 (03.04.2002) US
- (30) 10/116,735 3 Apr/avr 2002 (03.04.2002) US
- (30) 10/116,733 3 Apr/avr 2002 (03.04.2002) US
- (30) 10/116,686 3 Apr/avr 2002 (03.04.2002) US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEMS AND METHODS FOR PERFORMING TRANSACTIONS AT A POINT-OF-SALE
- SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES TRANSACTIONS A UN POINT DE VENTE
- (71) FIRST DATA CORPORATION [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).
- (72) STOUTENBURG, Earney; 7474 Gooseberry Lane, Parker, CO 80134 (US). MOLLETT, Cassandra, J.; 1735 Lexington, Houston, TX 77098 (US). PRICE, James; 14450 Wyndham Farms Drive, Alpharetta, GA 30004 (US). FILLINGER, Charles, A.; 7475 NE 8th Court, Baton Rouge, LA 33487 (US). NELSON, Eric, M.; 466 Riverside Drive, Waterloo, NE 68069 (US). SEIFERT, Dean, A.; 20315 Vista Circle, Parker, CO 80138 (US). SINGLETON, Jeffrey; 3 Valley Street, Lake Ronkonkoma, NY 11779 (US).
- (74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/088007 (13) A2
- (21) PCT/US03/07654
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) en (26) en
- (30) 10/120,820 11 Apr/avr 2002 (11.04.2002) US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS FOR PROVIDING RENDEZVOUS POINT ROUTER REDUNDANCY IN SPARSE MODE MULTI-CAST NETWORKS
- PROCEDES PERMETTANT D'OBTENIR UNE REDONDANCE DE ROUTEUR A POINTS DE RENDEZ-VOUS DANS DES RESEAUX MULTI-DIFFUSION EN MODE CLAIRSEME
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) NARAYANAN, Vidya; 2845 Fremont Court, Schaumburg, IL 60193 (US).
- (74) HUGHES, Terri, S. et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/088008 (13) A2
- (21) PCT/US03/09489
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 10/117,988 5 Apr/avr 2002 (05.04.2002) US
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • NON-CONTACT RADAR SYSTEM FOR RECONSTRUCTION OF SCENES OBSCURED UNDER SNOW AND SIMILAR MATERIAL
- SYSTEME DE RADAR SANS CONTACT POUR RECONSTRUCTION DE SCENES MASQUEES PAR DE LA NEIGE OU PAR UN MATERIAU ANALOGUE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office of the President, 1111 Franklin Street 12th Floor, Oakland, CA 94602-5200 (US).
- (for all designated States except / pour tous les Etats designés sauf US)
- (72, 75) LASKY, Ty, A. [US/US]; 1835 Mission Boulevard, Santa Rosa, CA 95409 (US). TABIB, Shahrdad [IR/US]; 414 Russell Park, #1, Davis, CA 95616 (US). RAVANI, Bahram [US/US]; 44312 South El Macero Drive, El Macero, CA 95618 (US).
- (74) O'BANION, John, P.; O'Banion & Ritchey LLP, 400 Capitol Mall, Suite 1550, Sacramento, CA 95814 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/088009 (13) A2

(21) PCT/US03/09502

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/118,310 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR TIME AND ATTENDANCE RECORD KEEPING

• SYSTEME ET PROCEDE DE TENUE DE REGISTRES DE PRESENCE ET DE DUREE

(71) CIGNIFY CORPORATION [—/US]; 7000 Central Parkway, Suite 650, Atlanta, GA 30328 (US).

(72) HORNE, William, B.; 1070 Polo Club Drive, Marietta, GA 30064 (US). HUMPHRIES, Dale, E.; 135 Forest Grove Lane, Suwanee, CA 30024 (US).

(74) RUDICH, Rebecca, Goldman et al. / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/088010 (13) A2

(21) PCT/US03/09527

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/369,367 1 Apr/avr 2002 US (01.04.2002)

(30) 60/369,476 1 Apr/avr 2002 US (01.04.2002)

(30) 10/402,846 28 Mar/mar 2003 US (28.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MANAGED ASSET PLATFORM SYSTEM AND METHOD

• SYSTEME A PLATE-FORME D'ACTIFS CONTROLEE

(71, 72) HORAN, James, P. [US/US]; 11957 Overlook Pass, Austin, TX 78738 (US). TYNER, Wanda, Kehlenbeck [US/US]; 3948 Southwest Batten Drive, Lee's Summit, MO 64082 (US). ANSEL, Marcus [GB/US]; 21 Wormwood Street #512, Boston, MA 02210 (US).

(74) COLLINS, James, A.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 03/088011 (13) A2

(21) PCT/AT03/00093

(22) 1 Apr/avr 2003 (01.04.2003)

(25) de (26) de

(30) A 565/2002 12 Apr/avr 2002 AT (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOBILE ARITHMETIC UNIT AND EXTENSION DEVICE FOR INDUSTRIAL MACHINE CONTROL

• UNITE DE CALCUL MOBILE ET DISPOSITIF D'EXTENSION POUR COMMANDE DE MACHINES INDUSTRIELLES

(71) KEBAG AG [AT/AT]; Gewerbepark Urfahr 14 bis 16, A-4041 Linz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAIGER, Dieter [AT/AT]; Langfeldstrasse 53, A-4040 Pasching (AT).

(74) SECKLEHNER, Günter; Rosenauerweg 16, A-4580 Windischgarsten (AT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00, H04L 29/06

(11) WO 03/088012 (13) A1

(21) PCT/DE03/01167

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 15 746.4 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR AUTHORIZING A MOBILE AGENT IN A COMMUNICATIONS NETWORK

• PROCEDE ET SYSTEME POUR AUTORISER UN AGENT MOBILE D'UN RESEAU DE COMMUNICATION A ACCEDER A UN SERVICE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FISCHER, Kai [DE/DE]; Josephsburgstr. 4A, 81673 München (DE). LOTZ, Volkmar [DE/DE]; Walhallastr. 2, 80639 München (DE). WAIDELICH, Fabienne [FR/DE]; Walhallastr. 20, 80639 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 1/00

(11) WO 03/088013 (13) A2

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(22) 18 Feb/fév 2003 (18.02.2003)

(25) en (26) en

(30) 0208402.8 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM OF MANAGING A USER INTERFACE OF A COMMUNICATIONS DEVICE

• PROCEDE ET SYSTEME DE GESTION D'UNE INTERFACE D'UTILISATEUR D'UN DISPOSITIF DE COMMUNICATION

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAVARRO-PRIETO, Raquel [GB/GB]; 6 Artillery Place, Guildford, Surrey GU1 4NL (GB). BAKER, Paul, Dominic [GB/GB]; Motorola Limited, Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB). REX, James, Alexander [GB/GB]; Motorola Limited, Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(74) TRELEVEN, Colin; Motorola European Intellectual, Property Operations, Midpoint,

Alencon Link, Basingstoke, Hampshire RG22 4PD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 03/088014 (13) A2

(21) PCT/GB03/01493

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0207955.6 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USER AUTHENTICATION FOR COMPUTER SYSTEMS

• AUTHENTIFICATION D'UTILISATEURS POUR SYSTEMES INFORMATIQUES

(71) AMOOURSOF LTD [GB/GB]; 1st Floor, Unit 1, Warren Court, Feldspar Close, Warren Park Way, Enderby, Leicester (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CRITTEN, Richard [GB/GB]; 2 Lime Grove, Bagworth, Coalville, Leicestershire LE67 1DT (GB). CHARLESWORTH, James, Edward [GB/GB]; 27 Cromarty Drive, Hinckley, Leicestershire LE10 0RX (GB). LARTER, Andrew [GB/GB]; 22 Stevenson Gardens, Cosby, Leicestershire LE9 1SN (GB). GREEN, Peter [GB/GB]; 14 Anderson Avenue, Rugby, Warwickshire CV22 5PE (GB). DALE, Tracy, John [GB/GB]; Woodale, Newton Road, Tollerton, York YO61 1QT (GB).

(74) LLOYD, Patrick, Alexander, Desmond; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 03/088015 (13) A2

(21) PCT/GB03/01551

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en

(30) 0208408.5 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPLICATION ENGINE FRAMEWORK

• STRUCTURE DE MOTEUR D'APPLICATIONS

(71) INTE VEXIS LIMITED [GB/GB]; 10 Elliot Close, Kibworth, Leicester LE8 0EZ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VAN DE MERWE, Donald [GB/GB]; 10 Elliot Close, Kibworth, Leicester LE8 0EZ (GB).

(74) HALLAM, Arnold, Vincent et al. / etc.; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00, 15/00, 15/02, A61B 5/117

(11) WO 03/088016 (13) A1

(21) PCT/JP03/04691

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111713 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION DEVICE

• DISPOSITIF INFORMATIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) KUSAKARI, Takashi; 105-2-202, Mit-sukyo, Seya-ku, Yokohama-shi, Kanagawa 246-0022 (JP). MORITA, Kaoru; 4-27-24, Okamura, Isogo-ku, Yokohama-shi, Kanagawa 235-0021 (JP). WATANABE, Satoshi; 30-1, Sakainotani, Nishi-ku, Yokohama-shi, Kanagawa 220-0054 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(26) en

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 03/088017 (13) A2

(21) PCT/US03/10164

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/119,934 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR DETECTING AN INFECTIVE ELEMENT IN A NETWORK ENVIRONMENT

• SYSTEME ET PROCEDE DE DETECTION D'UN ELEMENT INFECTIEUX DANS UN ENVIRONNEMENT DE RE-SEAU

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Road, San Jose, CA 95134-1706 (US).

(72) GLEICHAUF, Robert, E.; 326 Arcadia Place, Terrell Hills, TX 78209 (US).

(74) SHOWALTER, Barton, E.; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 1/00

(11) WO 03/088018 (13) A2

(21) PCT/US03/10751

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/372,489 12 Apr/avr 2002 US (12.04.2002)

(30) Not furnished / non communiqué 1 Apr/avr 2003 US (01.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND TECHNIQUES TO BIND INFORMATION OBJECTS TO SECURITY LABELS
- SYSTEME ET TECHNIQUES PERMETTANT DE RELIER DES OBJETS D'INFORMATION A DES ETIQUETTES DE SECURITE
- (71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421 (US).
- (72) KUNG, Kenneth, C.; 19029 Vickie Avenue, Cerritos, CA 90703 (US).
- (74) DURKEE, Paul, D. et al. / etc.; Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations ; (t) for all designations / pour toutes les désignations

- (51)⁷ G06F 1/00
- (11) WO 03/088019 (13) A2
- (21) PCT/US03/09640
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 10/121,807 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MICROCODE PATCH AUTHENTICATION
- AUTHENTIFICATION DE TIMBRES A MICROCODE

- (71) INTEL CORPORATION [—/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) SUTTON, James, II; 20205 NW Paulina Drive, Portland, OR 97229 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F 1/04, 1/26
- (11) WO 03/088020 (13) A1
- (21) PCT/US03/10465
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,117 4 Apr/avr 2002 US (04.04.2002)
- (30) 10/406,126 3 Apr/avr 2003 US (03.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CLOCK SIGNAL GENERATING CIRCUIT
- CIRCUIT DE PRODUCTION DE SIGNAUX D'HORLOGE

- (71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIESLER, Conrad, H. [US/US]; 721 Catherine Street, Apt. 2, Ann Arbor, MI 48104 (US). PAPAETHYMIOU, Marios, C. [GR/US]; 1852 Chicory Ridge Road, Ann Arbor, MI 48103 (US).
- (74) FORBIS, Glenn, E. et al. / etc.; Rader, Fishman & Grauer PLLC, 39533 Woodward Avenue, Suite 140, Bloomfield Hills, MI 48304 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F 1/16
- (11) WO 03/088021 (13) A2
- (21) PCT/US03/10532
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,682 8 Apr/avr 2002 US (08.04.2002)
- (30) 60/390,019 19 Jun/juin 2002 US (19.06.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • WIRELESS ENABLED MEMORY MODULE
- MODULE DE MEMOIRE ACTIVE SANS FIL
- (71) SOCKET COMMUNICATIONS, INC [US/US]; 37400 CENTRAL COURT, NEWARK, CA 94560-3444 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CROOME, Martin [GB/FR]; 7 Le Grand Pré, F-38320 Brié et Angonnes (FR).
- (74) SMITH, Walstein; P.O. BOX 1668, GEORGETOWN, TX 78627-1668 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 1/20, H05K 7/20
- (11) WO 03/088022 (13) A1
- (21) PCT/KR03/00664
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 10-2002-0018800 6 Apr/avr 2002 KR (06.04.2002)
- (30) 10-2002-0028363 22 May/mai 2002 KR (22.05.2002)
- (30) 10-2003-0015238 11 Mar/mar 2003 KR (11.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHIPSET COOLING DEVICE OF VIDEO GRAPHIC ADAPTER CARD
- DISPOSITIF DE REFROIDISSEMENT DE JEU DE PUCES D'UNE CARTE GRAPHIQUE VIDEO
- (71) ZALMAN TECH CO., LTD [KR/KR]; 1007 Daeryung Techno Town III, 448, Gasan-dong, Gumchun-gu, Seoul 153-803 (KR).
- (72) LEE, Sang-Cheol; 820-1501 Suri Hanyang Apt. 1151-5, Sanbon-dong, Kyungpo-city, Kyungki-do 435-040 (KR).
- (74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00

(11) WO 03/088023 (13) A2

(21) PCT/CH03/00190

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 612/02 12 Apr/avr 2002 CH (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SWITCHING AND OPERATING SYSTEM FOR QUICKLY INPUTTING TEXT USING A NUMERIC KEYPAD, PARTICULARLY IN MOBILE TELEPHONES

• SYSTEME DE COMMUTATION ET DE COMMANDE POUR ENTRER UN TEXTE PLUS RAPIDEMENT AU MOYEN D'UN CLAVIER NUMERIQUE, NOTAMMENT DANS DES TELEPHONES PORTABLES

(71, 72) DÖRIG, Urs [CH/CH]; Kirchgasse 30, CH-7310 Bad Ragaz (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00

(11) WO 03/088024 (13) A2

(21) PCT/GB03/01476

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0207764.2 4 Apr/avr 2002 GB (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA CONVERSION DEVICE

• DISPOSITIF DE CONVERSION DE DONNEES

(71) TERADYNE DIAGNOSTIC SOLUTIONS LIMITED [GB/GB]; Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECKER, Mike [GB/GB]; C/o Teradyne Diagnostic Solutions Limited, Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB). DENTON, Adam [GB/GB]; C/o Teradyne Diagnostic Solutions Limited, Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB). NORBURY, Malcolm [GB/GB]; C/o Teradyne Diagnostic Solutions Limited, Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB). ROBERTS, Christopher [GB/GB]; C/o Teradyne Diagnostic Solutions Limited, Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB). THORLEY, Simon [GB/GB]; C/o Teradyne Diagnostic Solutions Limited, Orion Business Park, Bird Hall Lane, Stockport SK3 0XG (GB).

(74) ALLMAN, Peter, John; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00

(11) WO 03/088025 (13) A2

(21) PCT/GB03/00869

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 0208471.3 12 Apr/avr 2002 GB (12.04.2002)

(30) 0221615.8 18 Sep/sep 2002 GB (18.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED POINTING DEVICE

• DISPOSITIF DE POINTAGE AME-LIORE

(71) CURSOR CONTROLS LIMITED [GB/GB]; Conroi House, Brunel Drive, Newark, Nottinghamshire NG24 2EG (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELBY, Nathan, James, John [GB/GB]; 38 Dycote Lane, Welbourn, Lincolnshire LN5 0NL (GB). CLARK, David, William [GB/GB]; 10 Wands Close, Southwell, Nottinghamshire NG25 0JT (GB). TURNER, Robert, Michael [GB/GB]; 32 Nicholson's Wharf, Mather Road, Newark, Nottinghamshire NG24 1FN (GB).

(74) PITCHFORD, James, Edward; Sommerville & Rushton, 45 Grosvenor Road, St Albans AL1 3AW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00, 3/033, G01R 33/54, A61B 6/03

(11) WO 03/088026 (13) A1

(21) PCT/NL03/00263

(22) 8 Apr/avr 2003 (08.04.2003)

(25) nl (26) en

(30) 1020351 10 Apr/avr 2002 NL (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR STORAGE AND REPRODUCTION OF IMAGE DATA

• DISPOSITIF DE STOCKAGE ET DE REPRODUCTION DE DONNEES D'IMAGE

(71) TECHNISCHE UNIVERSITEIT DELFT [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL). ACADEMISCH ZIEKENHUIS ROTTERDAM [NL/NL]; Dr. Molewaterplein 40, NL-3015 GD Rotterdam (NL).

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(72, 75) VAN DER GEER, Michael, Johanna, Franciscus [NL/NL]; Ravenhorst 2, NL-2317 AH Leiden (NL). VROOMAN, Hendrik, Antonius [NL/NL]; Waterwerk 34, NL-3063 HB Rotterdam (NL). FREUDENTHAL, Adinda [NL/NL]; Molenlaan 81, NL-3055 EH Rotterdam (NL).

(74) VAN BREDA, Jacques; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00, 13/00, H04N 7/00, 11/00

(11) WO 03/088027 (13) A1

(21) PCT/US03/09883

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,496 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • USER CONFIGURABLE ELECTRONIC PROGRAM GUIDE DRAWING UPON DISPARATE CONTENT SOURCES

- GUIDE DE PROGRAMME ELECTRONIQUE CONFIGURABLE PAR L'UTILISATEUR FAISANT APPEL A DIVERSES SOURCES DE CONTENUS

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) **MA, Yue** [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). **CHANG, Chieh-Chung** [—/US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). **KAPLAN, Alan** [US/US]; 9 Erdman Ave., Princeton, NJ 08540 (US).

(74) **STOBBS, Gregory, A. et al. / etc.**; HARNESSE, DICKY & PIERCE, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)⁷ **G06F 3/033, G06K 11/06**

(11) **WO 03/088028** (13) A1

(21) PCT/IB03/01398

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) en (26) en

(30) 0208655.1 **16 Apr/avr 2002 GB (16.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRONIC DEVICE WITH A FLAT PANEL DISPLAY AND TOUCH BURRONS/PADS OUTSIDE THE DISPLAY AREA

- DISPOSITIF ELECTRONIQUE AVEC AFFICHAGE A PANNEAU PLAT ET TOUCHES/BLOCS TACTILES SITUES HORS DE LA ZONE D'AFFICHAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) **EDWARDS, Martin, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WILLIAMSON, Paul, L.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/12, 17/60, 12/14**

(11) **WO 03/088029** (13) A1

(21) PCT/JP03/04134

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(30) 2002-099134 **1 Apr/avr 2002 JP (01.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRINTING SYSTEM, PROGRAM, AND METHOD

- SYSTÈME, PROGRAMME ET PROCÉDÉ D'IMPRESSION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
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(72, 75) **HIRABAYASHI, Shinji** [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **ITEC INTERNATIONAL PATENT FIRM**; Pola-Nagoya Bldg., 9-26, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CN JP US.

(51)⁷ **G06F 3/14**

(11) **WO 03/088030** (13) A1

(21) PCT/US03/11317

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,466 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR VISUALIZING DATA

- SYSTEME ET PROCEDE POUR VISUALISER DES DONNEES

(71) **IMAGINE XD, INC.** [US/US]; 54 C Middlesex Turnpike, Burlington, MA 01803 (US).

(72) **HURLEY, Peter**; 137 South Merrimack Road, Hollis, NH 03049 (US). **NAJDA, Andrew**; 356 Rutland Street, Carlisle, MA 01741 (US). **COBAU, Joseph, J.**; 70 Otis Street, Melrose, MA 02176 (US). **FRIED, Steven, C.**; 18 Baker Avenue, Lexington, MA 02421 (US).

(74) **PANDISCIO, Mark, J.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU

SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 7/00**

(11) **WO 03/088031** (13) A1

(21) PCT/US03/10303

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 60/370,878 **5 Apr/avr 2002 US (05.04.2002)**

(30) 10/195,092 **11 Jul/juil 2002 US (11.07.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROJECTOR CONTROL MARKUP LANGUAGE

- LANGAGE DE BALISAGE POUR COMMANDE DE PROJECTEUR

(71) **INFOCUS CORPORATION** [US/US]; 27700B S.W. Parkway, Wilsonville, OR 97070 (US).
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(72, 75) **HOEYE, Robin, F.** [US/US]; 10785 S.W. Summer Lake Drive, Tigard, OR 97223 (US). **WENBAN, James, D.** [US/US]; 28490 S.W. Ashland Dr. Apt.#1, Wilsonville, OR 97070 (US).

(74) **MCCOY, B., Anna**; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 7/00, 17/00**

(11) **WO 03/088032** (13) A1

(21) PCT/US03/11124

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,640 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA EXCHANGE METHOD AND SYSTEM

- SYSTEME ET PROCEDE D'ECHANGE DE DONNEES

(71) **RSG SYSTEMS, INC.** [US/US]; 14 East 38th Street, 9Th Floor, NY10016 (US).

(72) **SEHGAL, Mukesh**; 18 Baldwin Farms Road, Greenwich, CT 06830 (US). **ARCOT, Ramakant**; 58 Rotunda Lane, South River, NJ 08882 (US). **DUGGAL, Rukun**; 10 River Road, Apt. 21J, New York, NY 10044 (US).

(74) **HOPKINS, Brian, P.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., Chrysler Center, 666 Third Avenue, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/38, 7/52

(11) WO 03/088033 (13) A1

(21) PCT/US03/10707

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,722 9 Apr/avr 2002 US (09.04.2002)

(30) 60/370,723 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTIPLIER-BASED PROCES-
SOR-IN-MEMORY ARCHITECTURES
FOR IMAGE AND GRAPHICS PRO-
CESSING

• ARCHITECTURE DE PROCESSEUR
MEMOIRE A BASE DE MULTIPLICA-
TEURS POUR TRAITEMENT IMAGE
ET GRAPHIQUE

(71) **UNIVERSITY OF ROCHESTER** [US/US]; 518 Hylan Building, Rochester, NY 14627 (US). **THE RESEARCH FOUN-
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Plaza, State Street & Broadway, Albany, NY
12246 (US).

(72) **LIN, Rong**; 2 Seneca Circle, Geneseo, NY
11454 (US). **MARGALA, Martin**; 33 Caver-
sham Woods, Pittsford, NY 14534 (US).

(74) **GREENBAUM, Michael, C.** et al. / etc.;
Blank Rome Comisky & McCauley LLP, 900
17th Street, NW, Suite 1000, Washington, DC
20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 7/58, 17/14

(11) WO 03/088034 (13) A1

(21) PCT/IB03/01384

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/124,034 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HADAMARD-TRANSFORM ON-LINE
RANDOMNESS TEST

• TEST ALEATOIRE EN LIGNE DE
TRANSFORMEE D'HADAMARD

(71) **KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.** [NL/NL]; Groenewoudseweg 1,
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(72) **HARS, Laszlo**; c/o Prof . Holstlaan 6,
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(74) **TURNER, Richard, C.**; Internationaal Oc-
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AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(t) for the following designation / pour la
désignation suivante : CN

(51)⁷ G06F 9/38

(11) WO 03/088035 (13) A2

(21) PCT/IB03/01013

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 02076460.1 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, SYSTEM, COMPUTER
PROGRAM PRODUCT AND STORAGE
DEVICE FOR DISPLAYING A DOCU-
MENT

• PROCEDE, SYSTEME, PROGICIEL, ET
DISPOSITIF A MEMOIRE POUVANT
AFFICHER UN DOCUMENT

(71) **KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.** [NL/NL]; Groenewoudseweg 1,
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(72, 75) **MORRIS, Steven** [GB/]; c/o Prof . Hol-
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(74) **GROENENDAAL, Antonius, W., M.**; In-
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laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/38, 9/46, 9/30

(11) WO 03/088036 (13) A1

(21) PCT/IB03/01234

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 02290935.2 12 Apr/avr 2002 EP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR IN-
STRUCTION LEVEL MULTITHREAD-
ING

• SYSTEME ET PROCEDE DE TRAI-
TEMENT MULTIPROCESSUS AU NI-
VEAU D'INSTRUCTIONS

(71) **KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.** [NL/NL]; Groenewoudseweg 1,
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(72, 75) **BEN-YEDDER, Selim** [FR/FR]; c/o
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(NL). **DUARTE DE FREITAS, Narcisse**
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(74) **DE JONG, Durk, J.**; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/38, 9/30

(11) WO 03/088037 (13) A1

(21) PCT/IB03/01364

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 02076524.4 **18 Apr/avr 2002** EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VLIW PROCESSOR WITH DATA SPILLING MEANS

• PROCESSEUR VLIM A DISPOSITIFS DE REDISTRIBUTION DE DONNEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) DE VRIES, Tromp, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BEKOOIJ, Marco, J., G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AUGUSTEIJN, Alexander [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GAGELDONK, Johan, S., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/38

(11) WO 03/088038 (13) A2

(21) PCT/IB03/01366

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 02076525.1 **18 Apr/avr 2002** EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-ISSUE PROCESSOR

• PROCESSEUR A EMISSIONS MULTIPLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) LEIJTEN, Jeroen, A., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/45

(11) WO 03/088039 (13) A2

(21) PCT/EP03/03803

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 602.1 **15 Apr/avr 2002** DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTIMISATION OF A COMPILER GENERATED PROGRAM CODE

• OPTIMISATION D'UN CODE PROGRAMME GENERE PAR COMPILATEUR

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

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(72, 75) BALDISCHWEILER, Michael [DE/DE]; Hans-Jakob-Str. 99, 81825 München (DE). NESS, Werner [DE/DE]; Ringhofferstr. 76, 85716 Unterschleißheim (DE).

(74) DENDORFER, Claus; Wächtershäuser & Hartz, European Patent and Trademark Attorneys, Weinstrasse 8, 80333 München (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 11/00, H03M 13/00, G06F 1/04

(11) WO 03/088040 (13) A1

(21) PCT/US03/09203

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,700 **9 Apr/avr 2002** US
(09.04.2002)

(30) 10/406,592 **4 Apr/avr 2003** US
(04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR UNIFYING SELF-TEST WITH SCAN-TEST DURING PROTOTYPE DEBUG AND PRODUCTION TEST

• PROCEDE ET APPAREIL PERMETTANT D'UNIFIER UN AUTOTEST ET UN TEST PAR BALAYAGE AU COURS DU DEBOGAGE D'UN PROTOTYPE ET D'UN TEST DE PRODUCTION

(71) SYNTTEST TECHNOLOGIES, INC. [US/US]; 505 S. Pastoria Avenue, Suite 101, Sunnyvale, CA 94086 (US).

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(72, 75) WANG, Laung-Terng [US/US]; 726 Winstead Terrace, Sunnyvale, CA 94087-2304 (US). WEN, Xiaoqing [CN/US]; 705 W. Fremont Avenue, #4, Sunnyvale, CA 94087-2304 (US). LIN, Shyh-Horng [—/—]; 3F., No. 3, Lane 289, Section 2, Li-Nong St., Taipei 112 (TW). ABDEL-HAFEZ, Khader, S. [JO/US]; 37 San Jose Avenue, San Francisco, CA 94110 (US). CHANG, Ming-Tung [—/—]; No. 8, Alley 22, Lane 143, Section 4, Jangnan Rd., Fenyuan shiang, Changhua 502 (TW).

(74) ZEGER, Jim; 801 N. Pitt Street, #108, Alexandria, VA 22314 (US).

(81) AU CA CN IN JP NZ US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G06F 11/16, 12/16

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(21) PCT/NO03/00115

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(25) en (26) en

(30) 20021792 **16 Apr/avr 2002** NO
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS FOR STORING DATA IN NON-VOLATILE MEMORIES

• PROCEDES DE MEMORISATION DE DONNEES DANS DES MEMOIRES NON VOLATILES

(71) THIN FILM ELECTRONICS ASA [NO/NO]; P.O. Box 1872 Vika, N-0124 Oslo (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TORJUSSEN, Lars, Sundell [NO/NO]; Trondheimsveien 18B, N-0560 Oslo (NO). KARLSSON, Christer [SE/SE]; Långgatan 81, S-58955 Linköping (SE).

(74) LEISTAD, Geirr, I.; Thin Film Electronics ASA, P.O. Box 1872 Vika, N-0124 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/00

(11) WO 03/088042 (13) A1

(21) PCT/JP03/04206

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101673 3 Apr/avr 2002 JP (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING APPARATUS AND METHOD, RECORDING MEDIUM, AND PROGRAM

• APPAREIL ET PROCÉDE D'ENREGISTREMENT, SUPPORT D'ENREGISTREMENT, ET PROGRAMME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KAISE, Fumihiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OKUMOTO, Koji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/00, G06K 18/07

(11) WO 03/088043 (13) A1

(21) PCT/JP03/04708

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112635 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA STORING APPARATUS

• APPAREIL DE STOCKAGE DE DONNÉES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) SASAKI, Junko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11 Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/00, G06K 19/07

(11) WO 03/088044 (13) A1

(21) PCT/JP03/04709

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112641 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA STORAGE DEVICE

• DISPOSITIF DE STOCKAGE DE DONNÉES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Junko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11 Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G06F 12/00

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(21) PCT/US03/11272

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(25) en (26) en

(30) 10/120,016 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VIRTUAL STORAGE DEVICES

• DISPOSITIFS DE STOCKAGE VIRTUEL

(71) EMC CORPORATION [US/US]; 176 South Street, Hopkinton, MA 01748 (US).

(72) VISHLITZKY, Natan; 87 Clinton Road, Brookline, MA 02445 (US). KOPYLOVITZ, Haim; 1175 Chestnut Street, Unit #23, Newton, MA 02464 (US). MORESHET, Hana; 15 Bellwood Way, Framingham, MA 01701 (US). OFER, Adi; 96 Washburn Avenue, Wellesley, MA 02481 (US).

(74) MUIRHEAD, Donald, W. et al. / etc.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109-2804 (US).

(81) CN IN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/02, 12/08

(11) WO 03/088046 (13) A1

(21) PCT/US03/10991

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,069 12 Apr/avr 2002 US (12.04.2002)

(30) 10/121,172 12 Apr/avr 2002 US (12.04.2002)

(30) 10/165,283 6 Jun/juin 2002 US (06.06.2002)

(30) 10/201,489 23 Jul/juil 2002 US (23.07.2002)

(30) 10/206,249 26 Jul/juil 2002 US (26.07.2002)

(30) 10/205,955 26 Jul/juil 2002 US (26.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUNING MEMORY RESOURCES IN PARTITIONED COMPUTER

• SYNTONISATION DE RESSOURCES MEMOIRE DANS UN ORDINATEUR PARTITIONNE

(71) BARS CONSULTING GROUP, LLC [US/US]; 2900 Westchester Avenue, Purchase, NY 10577 (US).

(72) SCHNEE, David, Z.; 2470 Fifth Avenue, East Meadow, NY 11554 (US). MENDOZA, Dwight, A.; 4-3 Woods Brooke Lane, Yorktown Heights, NY 10598 (US).

(74) YU, Frederick; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/06, 13/16, H04L 12/56, 29/06

(11) WO 03/088047 (13) A1

(21) PCT/US02/11523

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR MEMORY MANAGEMENT WITHIN A NETWORK PROCESSOR ARCHITECTURE

• SYSTEME ET PROCÉDE DE GESTION D'UNE MEMOIRE DANS UNE ARCHITECTURE D'ORDINATEURS DE GESTION DE RESEAU

(71) **BAY MICROSYSTEMS, INC.** [US/US]; 2700 Augustine Drive, Suite 298, Santa Clara, CA 95054 (US).
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(72, 75) **BLESZYNSKI, Ryszard** [ID/US]; 18817 Bellgrove Circle, Saratoga, CA 95070 (US). **TRINH, Man, Dieu** [US/US]; 2215 Emerald Hills Drive, San Jose, CA 95131 (US).

(74) **GEORGE, Thomas et al. / etc.**; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 12/08**

(11) **WO 03/088048** (13) A1

(21) PCT/US03/10621

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,680 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-UNIFORM CACHE APPARATUS, SYSTEMS, AND METHODS

• APPAREIL, SYSTEMES ET PROCÉDES POUR ANTEMEMOIRE NON UNIFORME

(71) **UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURGER, Doug** [US/US]; 1501 W 6th Street, C-3, Austin, TX 78703 (US). **KECKLER, Stephen, W.** [US/US]; 5900 Mountainclimb Dr., #4, Austin, TX 78731 (US). **KIM, Changkyu** [KR/US]; 711 W 32nd Street, #202, Austin, TX 78705 (US).

(74) **STEFFEY, Charles E. et al. / etc.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 12/08**

(11) **WO 03/088049** (13) A2

(21) PCT/US03/11158

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 10/120,016 **10 Apr/avr 2002 (10.04.2002)** US

(30) 10/306,378 **27 Nov/nov 2002 (27.11.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VIRTUAL STORAGE DEVICES

• DISPOSITIFS DE STOCKAGE VIRTUEL

(71) **EMC CORPORATION** [US/US]; 176 South Street, Hopkinton, MA 01748 (US).

(72) **VISHLITZKY, Natan**; 87 Clinton Road, Brookline, MA 02445 (US). **KOPY-LOVITZ, Haim**; 1175 Chestnut Street, Unit #23, Newton, MA 02464 (US). **MORE-SHET, Hana**; 15 Bellwood Way, Framingham, MA 01701 (US). **POCOCK, Bruce, A.**; 6369 Whispering Lane, Titusville, FL 32780 (US). **LECRONE, Douglas, E.**; 6 Falcon Ridge Drive, Hopkinton, MA 01748 (US).

(74) **MUIRHEAD, Donald, W. et al. / etc.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109-2804 (US).

(81) CN IN JP

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G06F 12/08, 9/46, H04L 12/56, 12/24**

(11) **WO 03/088050** (13) A1

(21) PCT/US03/09332

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 10/118,386 **5 Apr/avr 2002 (05.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR DEFINING A STATIC FIBRE CHANNEL FABRIC

• APPAREIL ET PROCÉDE PERMETTANT DE DÉFINIR UNE MATRICE DE CANAL DE FIBRES OPTIQUES STATIQUE

(71) **ANDIAMO SYSTEMS, INC.** [US/US]; 375 East Tasman Drive, San Jose, CA 95134 (US).
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(72, 75) **DESANTI, Claudio** [IT/US]; 4141 Olga Drive, San Jose, CA 95117 (US). **DIBENEDETTO, Marco** [IT/US]; 3534 Shafer Drive, Santa Clara, CA 95051 (US).

(74) **WEAVER, Jeffrey, K.**; Beyer Weaver & Thomas LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G06F 12/12, 1/00**

(11) **WO 03/088051** (13) A1

(21) PCT/EP03/03800

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 16 611.0 **15 Apr/avr 2002 (15.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR REPLACING THE CONTENT OF A DATA STORAGE UNIT

• PROCÉDE POUR REMPLACER UN CONTENU D'UNE UNITÉ DE MÉMOIRE DE DONNÉES

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAMMEL, Berndt** [DE/DE]; Dr. Brenner Str. 16, 85570 Markt-Schwaben (DE).

(74) **ZINKLER, Franz et al. / etc.**; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G06F 12/14**

(11) **WO 03/088052** (13) A1

(21) PCT/AU03/00433

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) PS 1690 **11 Apr/avr 2002 (11.04.2002)** AU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN INFORMATION STORAGE SYSTEM

• SYSTÈME DE MÉMORISATION D'INFORMATION

(71, 72) **TUNE, Andrew, Dominic** [AU/AU]; 41 Suffolk Road, SURREY HILLS, Victoria 3127 (AU).

(74) DAVIES COLLISON CAVE et al. / etc.; WEBBER, David, Brian, 1 Little Collins Street, MELBOURNE, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14

(11) WO 03/088053 (13) A2

(21) PCT/EP03/03859

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 16 601.3 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR SECURING A PROGRAM

• PROCEDE DE PROTECTION DE PROGRAMME

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstr. 159, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAMUZIC, Nikola [DE/DE]; Karl-Breu-Weg 52, 81829 München (DE).

(74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14, H04L 9/08, 9/32, H04Q 7/32

(11) WO 03/088054 (13) A1

(21) PCT/GB03/01594

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0208453.1 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR DISTRIBUTION OF ENCRYPTED DATA IN A MOBILE NETWORK

• PROCEDE ET SYSTEME DE DIFFUSION DE DONNEES CHIFFREES DANS UN RESEAU MOBILE

(71) VODAFONE GROUP PLC [GB/GB]; Vodafone House, The Connection, Newbury, Berkshire RG14 2FN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONE, Nicholas [GB/GB]; 7 Ashwood Drive, Newbury, Berkshire RG14 2PN (GB). WRIGHT, Timothy, James [GB/GB]; 12 St Johns Road, Reading RG1 4EB (GB).

(74) MATHISEN, MACARA & CO.; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14, H04L 9/08

(11) WO 03/088055 (13) A1

(21) PCT/JP03/04237

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-099471 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTENT DATA PROCESSING METHOD, RECORDING DEVICE, AND REPRODUCTION DEVICE

• PROCEDE DE TRAITEMENT DE DONNEES DE CONTENU, DISPOSITIF D'ENREGISTREMENT ET DISPOSITIF DE REPRODUCTION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) FURUKAWA, Shunsuke [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKO, Yoichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). INOKUCHI, Tatsuya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11 Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) JP US.

(51)⁷ G06F 12/14, G09C 1/00, H04L 9/08, 9/32

(11) WO 03/088056 (13) A1

(21) PCT/JP03/04546

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-112109 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM

• DISPOSITIF DE TRAITEMENT D'INFORMATION, PROCEDE ET PROGRAMME CORRESPONDANTS

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TADA, Keiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FUTAGAMI, Motomasa [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/14, 17/60

(11) WO 03/088057 (13) A1

(21) PCT/JP03/04547

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111928 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION PROCESSING DEVICE, METHOD, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF DE TRAITEMENT D'INFORMATION, PROCEDE, SUPPORT D'ENREGISTREMENT ET PROGRAMME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KAWAMOTO, Yoji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EZURA, Yuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAGANO, Motohiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/14, 15/00, 17/60, H04L 9/08, G11B 20/10

(11) WO 03/088058 (13) A1

(21) PCT/JP03/04548

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111555 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION MANAGEMENT DEVICE, METHOD, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF DE GESTION D'INFORMATION, PROCEDE, SUPPORT D'ENREGISTREMENT ET PROGRAMME CORRESPONDANTS

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KAWAMOTO, Yoji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EZURA, Yuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAGANO, Motohiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 12/14, H04L 9/08, 9/32, G09C 1/00

(11) WO 03/088059 (13) A1

(21) PCT/JP03/04549

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-112110 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION PROCESSING DEVICE, METHOD, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE, SUPPORT D'ENREGISTREMENT ET PROGRAMME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KAWAMOTO, Yoji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001

(JP). ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EZURA, Yuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAGANO, Motohiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 13/00

(11) WO 03/088060 (13) A2

(21) PCT/DE03/01238

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 277.8 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CONFIGURING AND/OR OPERATING AN AUTOMATION DEVICE

• PROCEDE DE CONFIGURATION ET/OU DE FONCTIONNEMENT D'UN DISPOSITIF D'AUTOMATISATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 13/10, 13/12, 9/44

(11) WO 03/088061 (13) A1

(21) PCT/US03/10223

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,111 8 Apr/avr 2002 US (08.04.2002)

(30) 10/400,018 25 Mar/mar 2003 US (25.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FILTERING CONTENTS USING A LEARNING MECHANISM

• FILTRAGE D'UN CONTENU PAR UN MECANISME D'APPRENTISSAGE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) HOCH, Michael; 5336 Dellwood Way, San Jose, CA 95118 (US).

(74) SALTER, James, H. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire

Boulevard, 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 13/42

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(25) de (26) de

(30) 102 16 920.9 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR TESTING A MONITORING FUNCTION OF A BUS SYSTEM AND A CORRESPONDING BUS SYSTEM

• PROCEDE ET DISPOSITIF D'INSPECTION D'UNE FONCTION DE SURVEILLANCE D'UN SYSTEME DE BUS ET SYSTEME DE BUS

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) FUEHRER, Thomas [DE/DE]; Steinbeisstrasse 60/1, 70839 Gerlingen (DE). MUELLER, Bernd [DE/DE]; Eugen-Hegele-Weg 19, 71229 Leonberg (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00, 17/00

(11) WO 03/088063 (13) A1

(21) PCT/IB03/01444

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 2002/3083 18 Apr/avr 2002 ZA (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD OF RETRIEVING AND VIEWING DATA FROM A DATABASE

• PROCEDE DE RECUPERATION ET DE VISUALISATION DE DONNEES D'UNE BASE DE DONNEES

(71) ADCHECK (PTY) LTD [ZA/ZA]; Unit 31 Sunnyrock Park, Sunnyrock Close, Sunnyrock, 1401 Germiston (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Lodewyk, Johannes [ZA/ZA]; 135 Savuti Sands, Naivasha Road, Sunninghill, 2157 Sandton (ZA). SELSICK, Anthony, Neill [ZA/ZA]; 121 9th Street Parkmore, 2196 Sandton (ZA).

(74) GILSON, David, Grant et al. / etc.; Spoor and Fisher, PO Box 41312, 2024 Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 15/16

(11) WO 03/088064 (13) A1

(21) PCT/IL02/00290

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR PUSHING CONTENT THROUGH CELLULAR NETWORK

• PROCEDE ET SYSTEME DE TRANSMISSION D'UN CONTENU SUIVANT LA TECHNIQUE DU POUSSER, A TRAVERS UN RESEAU CELLULAIRE

(71) NIRAGONGO INC [IL/IL]; 7 Yad Haruzim St, 46733 Herzelia 46733 (IL).

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(72, 75) KALISH, Yaron [IL/IL]; 70 Hantkeh, 34608 Haifa (IL). KALISH, Dan [IL/IL]; 10 Moshe Sneh St, 07068 Rannana (IL).

(74) YEHEZKIELY, Zer; Office Law, 29 Lilinblum, 65133 Tel-aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/16

(11) WO 03/088065 (13) A1

(21) PCT/US03/10882

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/118,989 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR TIERED DISTRIBUTION IN A CONTENT DELIVERY NETWORK

• PROCEDE ET SYSTEME DE DISTRIBUTION HIERARCHISEE DANS UN RESEAU DE DIFFUSION DE CONTENU

(71) AKAMAI TECHNOLOGIES, INC. [US/US]; 8 Cambridge Center, Cambridge, MA 02142 (US).

(72) DILLEY, John, A.; 44 Marvin Avenue, Los Altos, CA 94022-3708 (US). BERKHEIMER, Andrew, D.; 62 Garrison Avenue, Sommerville, MA 02144-1711 (US).

(74) JUDSON, David, H. et al. / etc.; 8 Cambridge Center, Cambridge, MA 02142 (US).

(81) AU BR CA JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA JP KR SG EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : AU BR CA JP KR SG EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ G06F 15/16

(11) WO 03/088066 (13) A1

(21) PCT/US03/05532

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 10/117,116 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIERARCHICAL ORG-CHART BASED EMAIL MAILING LIST MAINTENANCE

• ORGANIGRAMME HIERARCHIQUE FONDE SUR LA MAINTENANCE DE LISTES DE DIFFUSION DE MESSAGE-RIE ELECTRONIQUE

(71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) OSTERBERG, Donald, H., Jr.; 1021 Sixteenth Avenue, Redwood City, CA 94063 (US). PORTER, Daryl, Geoffrey; 4515 Kingswood Drive, Danville, CA 94506 (US).

(74) PENNINGTON, Edward, A. et al. / etc.; Swidler Berlin Shereff Friedman, LLP, 3000 K Street, N.W., Suite 300, Washington, DC 20007-5116 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/173

(11) WO 03/088067 (13) A1

(21) PCT/US03/10883

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,142 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA-CENTRIC AUTOMATION

• AUTOMATISATION CENTREE SUR LES DONNEES

(71) THE TITAN CORPORATION [US/US]; 3033 Science Park Road, San Diego, CA 92121 (US).

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(72, 75) RILING, Dave [US/US]; 1040 St. Georges Way, Franklin, TN 37064 (US). GREENWAY, Bryan [US/US]; 428 Galloway Drive, Franklin, TN 37064 (US). NORDSTROM, Gregory [US/US]; 8012 Poplarwood Road, Nashville, TN 37221 (US).

(74) DELUCA, Vincent, M. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/173

(11) WO 03/088068 (13) A1

(21) PCT/US03/10914

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,920 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • XML CONTROL MANAGEMENT

• GESTION DE COMMANDE XML

(71) **SYMBOL TECHNOLOGIES, INC.** [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).

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(74) **MAUNE, James, J.**; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/173

(11) WO 03/088069 (13) A1

(21) PCT/US03/08854

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/122,274 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOCATOR FOR PHYSICALLY LOCATING A PERIPHERAL DEVICE IN A COMMUNICATION NETWORK

• LOCALISATEUR PERMETTANT LA LOCALISATION PHYSIQUE D'UN PERIPHERIQUE DANS UN RESEAU DE COMMUNICATION

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(72) **ZODNIK, Richard**; 31152 Calle Entradero, San Juan Capistrano, CA 92675 (US).

(74) **YORKS, Ben, J.**; Irell & Manella LLP, Suite 400, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/173, 15/16

(11) WO 03/088070 (13) A1

(21) PCT/US03/08911

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/370,704 5 Apr/avr 2002 US (05.04.2002)

(30) 10/194,334 11 Jul/juil 2002 US (11.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROJECTOR DEVICE NETWORK MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE RESEAU DE DISPOSITIFS PROJECTEURS

(71) **INFOCUS CORPORATION** [US/US]; 27700B S.W. Parkway, Wilsonville, OR 97070 (US).

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(72, 75) **MURTHA, Steve** [US/US]; 11524 S.W. 56th Place, Portland, OR 97219 (US). **TRAN, De** [US/US]; 3521 N.E. 88th Avenue, Portland, OR 97220 (US). **WENBAN, Jim** [US/US]; 28490 Swashland Drive, Apartment 1, Wilsonville, OR 97070 (US). **COSSITT, Alan** [US/US]; 13363 S.W. Parkway, Beaverton, OR 97005 (US). **CASTALDI, Joe** [US/US]; 3114 Cottonwood Court, West Linn, OR 97868 (US).

(74) **HALL, Matthews, M.**; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/78

(11) WO 03/088071 (13) A2

(21) PCT/US03/09337

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/120,849 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH-PERFORMANCE HYBRID PROCESSOR WITH CONFIGURABLE EXECUTION UNITS

• PROCESSEUR HYBRIDE A HAUTE PERFORMANCE A UNITES D'EXECUTION CONFIGURABLES

(71) **TENSILICA, INC.** [US/US]; 3255-6 Scott Boulevard, Santa Clara, CA 95054-3013 (US).

(72) **WANG, Albert**; 871, Gardenia Way, Los Altos, CA 94024 (US). **ROWEN, Christopher**;

210 Mission Street, Santa Cruz, CA 95060 (US). **ROSENTHAL, Bernard**; 17355 Creekside Court, Monte Sereno, CA 95030 (US).

(74) **DANIELSON, Mark, J.** et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/80, H04L 12/56, 29/06

(11) WO 03/088072 (13) A1

(21) PCT/US03/10545

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/120,577 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESSING A PACKET USING MULTIPLE PIPELINED PROCESSING MODULES

• TRAITEMENT DE PAQUET AU MOYEN DE MODULES DE TRAITEMENT PIPELINES MULTIPLES

(71) **HI/FN, INC.** [US/US]; 750 University Avenue, Los Gatos, CA 95032-7695 (US).

(72) **SAVARDA, Raymond**; 4224 Sancroft Drive, Apex, NC 27502 (US). **BLAKER, David**; 109 Hogan Glen Court, Chapel Hill, NC 27516 (US). **WINKELSTEIN, Dan**; 2308 Lawrence Drive, Raleigh, NC 27603 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/00

(11) WO 03/088073 (13) A2

(21) PCT/DE03/00852

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 16 336.7 **13 Apr/avr 2002** DE
(13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR DISTRIBUTING BULK MAILINGS

• PROCEDE POUR DISTRIBUER DES ENVOIS EN NOMBRE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILKE, Wolf-Stephan [DE/DE]; Thomas-Sättele-Str. 12, 78467 Konstanz (DE). ZIMMERMANN, Armin [DE/DE]; Mainaustr. 196B, 78464 Konstanz (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 17/00

(11) WO 03/088074 (13) A2

(21) PCT/IB03/01851

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 60/372,896 **15 Apr/avr 2002** US
(15.04.2002)

(30) 10/134,438 **30 Apr/avr 2002** US
(30.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BUILDING BLOCKS FOR DESCRIBING PROCESS FLOWS

• BLOCS STRUCTURELS SERVANT A DECRIRE LE DEROULEMENT D'OPERATIONS DE PRODUCTION

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Intellectual Property Department, Neurotstrasse 16, 69190 Walldorf (DE).

(72) SCHOLL, Juergen; Franz-Mueller-Strasse 50/1, 75015 Bretten (DE). ROHDEMANN, Dirk; Laube 13A, 69242 Muehlhausen (DE). VOMHOF, Thomas; Kurpfalzstr. 44, 69168 Wiesloch (DE).

(74) SCHIUMA, Daniele; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

(11) WO 03/088075 (13) A1

(21) PCT/US03/06377

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) 10/117,831 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REDBOOK ENCODING/DECODING CONVERSION DEVICE

• DISPOSITIF DE CONVERSION PAR CODAGE/DECODAGE REDBOOK

(71) DIGITAL STREAM USA, INC. [US/US]; 44061 Nobel Drive, Fremont, CA 94538 (US).

(72) VARGAS, Rodolfo; 345 Sheridan Ave., 414, Palo Alto, CA 94306 (US).

(74) BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP et al. / etc.; 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/10

(11) WO 03/088076 (13) A2

(21) PCT/GB03/01568

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208329.3 **11 Apr/avr 2002** GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA PROCESSING, PARTICULARLY IN COMMUNICATIONS SYSTEMS

• TRAITEMENT DE DONNEES, NOTAMMENT DANS DES SYSTEMES DE COMMUNICATIONS

(71) THE UNIVERSITY OF YORK [GB/GB]; York Science Park, York, Yorkshire YO10 5DG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAKHAROV, Yuriy [RU/GB]; 12 Ingleborough Avenue, York, Yorkshire YO10 3SA (GB). TOZER, Timothy, Conrad [GB/GB]; Hedgerow House, Church Lane, Elvington, York YO41 4AD (GB).

(74) ALLMAN, Peter, John; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/10, 7/60, G06G 7/48, 7/58

(11) WO 03/088077 (13) A1

(21) PCT/US03/05132

(22) 21 Feb/fév 2003 (21.02.2003)

(25) en (26) en

(30) 60/358,657 **21 Feb/fév 2002** US
(21.02.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR CALCULATING THE ELECTROSTATIC FORCE DUE TO A SYSTEM OF CHARGED BODIES IN MOLECULAR MODELING

• SYSTEME DE CALCUL DE LA FORCE ELECTROSTATIQUE DUE A UN SYSTEME DE CORPS CHARGES EN MODELISATION MOLECULAIRE

(71) PROTEIN MECHANICS, INC. [US/US]; 280 Hope Street, Suite C, Mountain View, CA 94041 (US).

(72) ROSENTHAL, Dan, E.; 718 Edge Lane, Los Altos, CA 94024 (US).

(74) AKA, Gary, T.; Ritter, Lang & Kaplan LLP, 12930 Saratoga Avenue, Suite D1, Saratoga, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/16

(11) WO 03/088078 (13) A2

(21) PCT/US03/10577

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,244 **8 Apr/avr 2002** US
(08.04.2002)

(30) 10/407,367 **4 Apr/avr 2003** US
(04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS USING MULTI-PAYMENT PREFERENCES

• SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES REPOSANT SUR L'UTILISATION DE PREFERENCES DE PAIEMENTS MULTIPLES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545

- Route 22 East P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) **GIORDANO, Joseph, A.**; 15344 Oakmere Place, Centreville, VA 20120 (US). **MURRAY, Jack, B., Jr.**; 3532 Barkley Drive, Fairfax, VA 22031 (US).
- (74) **PURWIN, Paul, E.** et al. / etc.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/21, 17/60**
- (11) **WO 03/088079** (13) A1
- (21) PCT/JP02/03799
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **WebJINS INFORMATION JOURNAL AUTOMATIC EDITING SYSTEM**
- **SYSTEME D'EDITION AUTOMATIQUE DE REVUE D'INFORMATION WEBJINS**
- (71) **J.S. CORPORATION** [JP/JP]; 3-25, Komachi, Naka-ku, Hiroshima-shi, Hiroshima 734-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMADA, Syuji** [JP/JP]; c/o J.S. Corporation, 3-25, Komachi, Naka-ku, Hiroshima-shi, Hiroshima 734-0022 (JP).
- (74) **TURUWAKA, Toshio**; Room 512, Nishishinjuku House, 29-4, Nishi-shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN JP SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06F 17/27, 17/20, 17/30, G10L 15/00, 13/00**
- (11) **WO 03/088080** (13) A1
- (21) PCT/US03/10482
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/307,624 **5 Apr/avr 2002 US (05.04.2002)**
- (30) 60/443,642 **29 Jan/jan 2003 US (29.01.2003)**
- (30) 10/402,941 **1 Apr/avr 2003 US (01.04.2003)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **METHOD AND SYSTEM FOR DETECTING AND EXTRACTING NAMED**

ENTITIES FROM SPONTANEOUS COMMUNICATIONS

- **PROCEDE ET SYSTEME DE DETECTION ET D'EXTRACTION D'ENTITES NOMMEES DE COMMUNICATIONS SPONTANEEES**
- (71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **GORIN, Allen, Louis** [US/US]; 205 Spring Ridge Drive, Berkeley Heights, NJ 07922 (US). **BECHET, Frederic** [FR/FR]; 2bis, rue Rouget de Lisle, F-84000 Avignon (FR). **WRIGHT, Jeremy, Huntley** [US/US]; 38 Oak Ridge Road, Berkeley Heights, NJ 07922 (US). **HAKKANI-TUR, Dilek, Z.** [US/US]; 39 Moraine Rd., Morris Plains, NJ 07950 (US).
- (74) **MUDGE, Brian, S.** et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30, H04L 7/10**
- (11) **WO 03/088081** (13) A1
- (21) PCT/IB02/01236
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **METHOD AND NETWORK DEVICE FOR SYNCHRONIZATION OF DATABASE DATA ROUTED THROUGH A ROUTER**
- **PROCEDE ET DISPOSITIF DE RESEAU POUR SYNCHRONISATION DE DONNEES DE BASE DE DONNEES ACHEMINEES PAR UN ROUTEUR**
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAHINOJA, Mikko** [FI/FI]; Linnainmaanraitti 16 B 12, FIN-33580 Tampere (FI). **PIISPANEN, Jussi** [FI/FI]; Vastarannankatu 27 D 14, FIN-33610 Tampere (FI). **RAPAKKO, Jouni** [FI/FI]; Kapeakankaantie 10, Fin-37910 Kylmäkoski (FI). **MARTIKAINEN, Mika** [FI/FI]; Kustaankuja 16, FIN-33880 Lempäälä (FI).
- (74) **KURIG, Thomas**; Becker, Kurig, Straus, Bavariastrasse 7, 80336 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**(11) **WO 03/088082** (13) A1

(21) PCT/SE03/00586

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) sv (26) en

(30) 0201128-6 **16 Apr/avr 2002 SE (16.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **A METHOD FOR UPDATING A COMPUTER FILE**• **MANIPULATION DE FICHIERS INFORMATIQUES**

(71) **INTROIBIS AB** [SE/SE]; Önsvala Allé 6, S-245 43 Staffanstorps (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROLFSON, Joakim** [SE/SE]; Fräsarstigen 6, S-240 13 Genarp (SE).

(74) **HANSSON THYRESSON PATENT-BYRÅ AB**; Box 73, S-201 20 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**(11) **WO 03/088083** (13) A1

(21) PCT/US03/10057

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(30) 60/370,522 **5 Apr/avr 2002 US (05.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **BROWSER WITH SETTING SAVING FEATURE**• **NAVIGATEUR AVEC FONCTION DE SAUVEGARDE DES PARAMETRES**

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KENDALL, Scott, Allan** [US/US]; 318 McIntosh Lane, Westfield, IN 46074 (US). **THOMPSON, Wanda, Green** [US/US]; 8728 Bergeson Drive, Indianapolis, IN 46278 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; c/o THOMSON Licensing Inc., Two Independence Way, Suite #2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 03/088084 (13) A1

(21) PCT/US03/10561

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/115,196 2 Apr/avr 2002 US (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR RESTRICTING ACCESS TO A DATABASE ACCORDING TO USER PERMISSIONS
• PROCEDE ET DISPOSITIF DE RESTRICTION D'ACCES A UNE BASE DE DONNEES EN FONCTION D'AUTORISATIONS UTILISATEUR

(71) **HPL TECHNOLOGIES, INC.** [US/US]; Suite 400, 2033 Gateway Place, San Jose, CA 95110 (US).

(72) **GHUKASYAN, Hovhannes**; 155 Pacchetti Way, Mountain View, CA 94040 (US). **LEPEJIAN, Yervant, D.**; 920 Ramona Street, Palo Alto, CA 94301 (US).

(74) **WILBAR, William, P.**; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, G06E 1/00, G06F 15/18

(11) WO 03/088085 (13) A1

(21) PCT/US03/10665

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,507 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THREE-DIMENSIONAL DIGITAL LIBRARY SYSTEM
• SYSTEME DE BIBLIOTHEQUE NUMERIQUE TRIDIMENSIONNELLE

(71) **ARIZONA BOARD OF REGENTS** [US/US]; Box 873511, Tempe, AZ 85287 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANSHUMAN, Razdan** [US/US]; 732 E. Hiddenvue Drive, Phoenix, AZ 85048 (US). **ROWE, Jeremy** [US/US]; 2120 S. Las Palmas, Phoenix, AZ 85048 (US). **COLLINS, Daniel** [US/US]; 1417 Grandview Drive, Tempe, AZ 85281 (US). **FARIN, Gerald** [DE/US]; 4952 E. Mockingbird Lane, Paradise Valley, AZ 85201 (US). **McCARTNEY, Peter** [US/US]; 2571 W. Temple Street, Chandler, AZ 85224 (US). **NIELSON, Gregory, M.** [US/US]; 1348 W. Mountain View, Mesa, AZ (US). **SIMON, Arleyn** [US/US]; 1102 W. Cornell Drive, Tempe, AZ 85283 (US). **HENDERSON, Mark, Richard** [US/US]; 5382 W. Harrison Court, Chandler, AZ 85226 (US). **TOCHERI, Mathew** [CA/US]; 1201 S. McClintock, Apt. 137, Tempe, AZ 85281 (US). **CAPCO, David** [US/US]; 933 E. Laguna Drive, Tempe, AZ 85282 (US). **HU, Jiuxiang** [CN/US]; 1224 E. Lemon Street #147, Tempe, AZ 85281 (US). **MARKE, Mary** [US/US]; 2052 E. Lomar Vista, Tempe, AZ 85282 (US).

(74) **ONYE, Richard, E.**; Fennemore Craig, 3003 North Central, Suite 2600, Phoenix, AZ 85012-2913 (US).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ G06F 17/30

(11) WO 03/088086 (13) A1

(21) PCT/US03/10706

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,311 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTENT AGGREGATION METHOD AND APPARATUS FOR ON-LINE PURCHASING SYSTEM
• PROCEDE ET APPAREIL DE GROUPE DE CONTENU POUR SYSTEME D'ACHATS EN DIRECT

(71) **CNET NETWORKS, INC.** [US/US]; 235 Second Street, San Francisco, CA 94105 (US).

(72) **MUSGROVE, Timothy, Allen**; 275 Berkshire Drive, Morgan, Hill, CA 95037 (US).

WALSH, Robin, Hiroko; 512 Ramsell Street, San Francisco, CA 94132 (US).

(74) **KAUFMAN, Marc, S.**; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/088087 (13) A2

(21) PCT/US03/10774

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,033 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEDIA OBJECT MANAGEMENT
• GESTION D'OBJETS MEDIAS

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(72) **OBRADOR, Pere**; 2309 Rock Street, #21, Mountain View, CA 94043 (US).

(74) **HEMINGER, Susan E.**; Hewlett-Packard Company, IP Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/088088 (13) A1

(21) PCT/US03/11025

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,274 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR SEMANTICS DRIVEN DATA PROCESSING
• SYSTEME ET PROCEDE DESTINES AU TRAITEMENT DE DONNEES FONDEES SUR LA SEMANTIQUE

(71) **METAINFORMATICS** [US/US]; 3267 Bee Cave Rd. Ste. 107#162, Austin, TX 78746 (US).

(72) **SCHMIT, John**; 8117 Forest Mesa Dr., Austin, TX 78759 (US). **SHARMA, Harsh, W.**; 399 Glastobury Lane, Franklin, NJ 07416 (US).

(74) **CHALKER, Daniel**; Chalker Flores, LLP, 12700 Park Central Drice, Suite 455, Dallas, TX 75251 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G06F 17/30**

(11) **WO 03/088089** (13) A1

(21) PCT/US03/11144

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/122,082 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NETWORK-BASED PHOTOSHARING ARCHITECTURE FOR SEARCH AND DELIVERY OF PRIVATE IMAGES AND METADATA

• ARCHITECTURE DE PARTAGE DE PHOTOS SUR RESEAU POUR LA RECHERCHE ET LA DISTRIBUTION D'IMAGES ET DE METADONNEES PRIVEES

(71) **IPAC ACQUISITION SUBSIDIARY I, LLC** [US/US]; Suite 2-A, 20 Depot Street, Peterborough, NH 03458 (US).

(72) **MORRIS, Robert, P.**; 6021 Fordland Drive, Raleigh, NC 27606 (US). **SVENDSEN, Hugh**; 110 Bergeron Way, Apex, NC 27502 (US). **SCARDINO, Patricia**; 3233 Summer Oaks Drive, Apex, NC 27502 (US).

(74) **SULLIVAN, Stephen, G.** et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**

(11) **WO 03/088090** (13) A2

(21) PCT/US03/11180

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,644 **10 Apr/avr 2002** US
(10.04.2002)

(30) 60/371,643 **10 Apr/avr 2002** US
(10.04.2002)

(30) 60/371,956 **11 Apr/avr 2002** US
(11.04.2002)

(30) 60/371,871 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR DATA ANALYSIS, MANIPULATION, AND VISUALIZATION

• SYSTEME ET PROCEDE D'ANALYSE, DE MANIPULATION ET DE VISUALISATION DE DONNEES

(71) **TRANSTECH PHARMA, INC.** [US/US]; 4170 Mendenhall Oaks Parkway, Suite 110, High Point, NC 27265 (US).

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(72, 75) **SAWAFTA, Reyad, I.** [US/US]; 5506 Gate Post Court, Greensboro, NC 27455 (US).

(74) **CALKINS, Charles, W.** et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**

(11) **WO 03/088091** (13) A1

(21) PCT/US03/12459

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 60/371,047 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION SYSTEM FOR MANIPULATING DATA RELATED TO THE ORDERING AND PERFORMANCE OF SERVICES AND COMMUNICATION OF RESULTS

• SYSTEME D'INFORMATIONS PERMETTANT DE MANIPULER DES DONNEES RELATIVES A L'ORGANISATION ET AUX PERFORMANCES DE RESULTATS DE SERVICES ET DE COMMUNICATIONS

(71) **ISOTAG TECHNOLOGY, INC.** [US/US]; Suite 100, 4355 Excel Parkway, Addison, TX 75001-5063 (US).

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(72, 75) **WALTER, Dale, Spall** [US/US]; Isotag Technology, Inc., 113 Longview, Los Alamos, NM 87544 (US). **ROBERT, Kent, Mansfield** [US/US]; 1400 Beaver Creek, Plano, TX 75093 (US). **JAMES, Alfred, Seely** [US/US]; 3705 Golden Aspen Drive, Flower Mound, TX 75028 (US). **RICHARD, Hennigan** [US/US]; Suite 100, Isotag Technology, Inc., 4355 Excel Parkway, Addison, Texas 75001-5603 (US).

(74) **GEORGE, R., Schultz**; Schultz & Associates, P.C., Suite 525, One Lincoln Centre, 5400 LBJ Freeway, Dallas, TX 75240 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**

(11) **WO 03/088092** (13) A1

(21) PCT/US03/02277

(22) **24 Jan/jan 2003 (24.01.2003)**

(25) en (26) en

(30) 60/352,064 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TASK DRIVEN TAXONOMY AND APPLICATIONS DELIVERY PLATFORM
• PLATE-FORME DE CLASSIFICATIONS ET D'APPLICATIONS A BASE DE TACHES, SYSTEME ET PROCEDE CORRESPONDANTS

(71) **ECOS TECHNOLOGIES, INC.** [US/US]; 1410 Broadway, 26th Floor, New York, NY 10018 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EISENBERGER, Peter** [US/US]; 170 Brooks Bend, Princeton, NJ 08540 (US). **WERNICK, Iddo** [US/US]; 3950 Blackstone Avenue, #1W, Riverdale, NY 10471 (US).

(74) **DEDITCH, Aaron, C.**; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F 17/30, 9/445**
(11) **WO 03/088093** (13) A2
(21) PCT/US03/09407
(22) **26 Mar/mar 2003 (26.03.2003)**
(25) en (26) en
(30) 60/370,963 **8 Apr/avr 2002** US
(08.04.2002)
(30) 60/372,186 **12 Apr/avr 2002** US
(12.04.2002)
(30) 10/253,088 **23 Sep/sep 2002** US
(23.09.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • PERSISTENT KEY-VALUE REPOSITORY WITH A PLUGGABLE ARCHITECTURE TO ABSTRACT PHYSICAL STORAGE
• REPERTOIRE DE VALEURS CLES PERSISTANTES A ARCHITECTURE FONCTIONNELLE POUR ABSTRACTION DE STOCKAGE PHYSIQUE
(71) ORACLE INTERNATIONAL CORPORATION [US/US]; M/S 50P7, 500 Oracle Parkway, Redwood Shores, CA 94065 (US).
(72) CHATTERJEE, Surojit; 1451 Beach Park Boulevard, Apt. L205, Foster City, CA 94404 (US). KUMAR, Raj; 305 - 78th Street #2R, Brooklyn, NY 11209 (US). CREIGHTON, Jonathan; 3263 Kempton Avenue, Oakland, CA 94611 (US). SRIVASTAVA, Alok; 37389 Wedgewood Street, Newark, CA 94560 (US). JOSHI, Sameer; 4231 Norwalk Drive #EE210, San Jose, CA 95129 (US).
(74) HICKMAN, Brian et al. / etc.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F 17/40, 17/60**
(11) **WO 03/088094** (13) A1
(21) PCT/AU03/00416
(22) **7 Apr/avr 2003 (07.04.2003)**
(25) en (26) en
(30) PS 1554 **5 Apr/avr 2002** AU
(05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • ADMINISTRATION SYSTEM
• SYSTEME D'ADMINISTRATION
(71, 72) O'LEARY, Richard, Charles [AU/AU]; Unit 8, 6 Meadowpeak, Palm Meadows Drive, Carrara, Queensland 4211 (AU). MCCRYSTAL, John, Anthony [AU/AU]; Unit 7, 18 Ridley Street, Auchenflower, Queensland 4066 (AU).
(74) CULLEN & CO; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F 17/50, H03K 19/173, H01L 21/82**
(11) **WO 03/088095** (13) A1
(21) PCT/JP03/04787
(22) **15 Apr/avr 2003 (15.04.2003)**
(25) ja (26) ja
(30) 2002-115273 **17 Apr/avr 2002** JP
(17.04.2002)
(30) 2002-147930 **22 May/mai 2002** JP
(22.05.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • INTEGRATED CIRCUIT DEVELOPMENT METHOD, PROGRAM STORAGE MEDIUM CONTAINING INTEGRATED CIRCUIT DEVELOPMENT METHOD, SYSTEM FOR CONCURRENT DEVELOPMENT OF ASIC AND PROGRAMMABLE LOGIC DEVICE, DEVELOPMENT PROGRAM, AND DEVELOPMENT METHOD
• PROCEDE DE MISE AU POINT DE CIRCUITS INTEGRES, SUPPORT DE STOCKAGE DE PROGRAMMES CONTENANT UN PROCEDE DE MISE AU POINT DE CIRCUITS INTEGRES, SYSTEME DE MISE AU POINT SIMULTANEE D'ASIC ET DE CIRCUIT LOGIQUE PROGRAMMABLE, ET PROGRAMME ET PROCEDE DE MISE AU POINT
(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KOGA, Chiaki [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP). TSUDA, Masayuki [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP). NAKAYAMA, Akitsugu [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).
(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(81) CN JP KR US.
(51)⁷ **G06F 17/50**
(11) **WO 03/088096** (13) A2
(21) PCT/US03/10608
(22) **7 Apr/avr 2003 (07.04.2003)**
(25) en (26) en
(30) 10/118,672 **7 Apr/avr 2002** US
(07.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND APPARATUS FOR AUTOMATIC ANALOG/MIXED SIGNAL SYSTEM DESIGN USING GEOMETRIC PROGRAMMING
• PROCEDE ET APPAREIL DE CONCEPTION AUTOMATIQUE DE SYSTEME DE SIGNAUX ANALOGIQUES/MIXTES METTANT EN OEUVRE LA PROGRAMMATION GEOMETRIQUE
(71) BARCELONA DESIGN, INC. (a Delaware corporation) [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) HASSIBI, Arash; 2124 Rock Street #13, Mountain View, CA 94043 (US). HERSHENSON, Maria del Mar; 211 College Avenue, Palo Alto, CA 94306 (US). COLLERAN, David, M.; 3311 Los Padres Apt. 2, San Mateo, CA 94403 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F 17/50**
(11) **WO 03/088097** (13) A2
(21) PCT/US03/10609
(22) **7 Apr/avr 2003 (07.04.2003)**
(25) en (26) en
(30) 10/118,221 **5 Apr/avr 2002** US
(05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • BEHAVIORAL CIRCUIT MODELING FOR GEOMETRIC PROGRAMMING BACKGROUND OF THE DISCLOSURE
• MODELISATION DU COMPORTEMENT DE CIRCUITS POUR LA PROGRAMMATION GEOMETRIQUE
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) HERSHENSON, Maria del Mar; 211 College Avenue, Palo Alto, CA 94306 (US).

- COLLERAN, Dave; 3311 Los Padres #2, San Mateo, CA 94403 (US). HASSIBI, Arash; 2124 Rock Street #13, Mountain View, CA 94043 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
(11) WO 03/088098 (13) A2
(21) PCT/US03/10610
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
(30) 10/118,673 7 Apr/avr 2002 US (07.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND APPARATUS FOR ROUTING AN INTEGRATED CIRCUIT
• PROCEDE ET APPAREIL DE ROUTAGE D'UN CIRCUIT INTEGRE
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) HASSIBI, Arash; 2124 Rock Street, #43, Mountain View, CA 94043 (US). FONG, Lungying; 3131 Homestead Road #15M, Santa Clara, CA 95051 (US). BOYD, Stephen; 663 San Juan Street, Stanford, CA 94309 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
(11) WO 03/088099 (13) A2
(21) PCT/US03/10611
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
- (30) 10/118,692 7 Apr/avr 2002 US (07.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • EFFICIENT LAYOUT STRATEGY FOR AUTOMATED DESIGN LAYOUT TOOLS
• STRATEGIE D'IMPLANTATION EFFICACE POUR OUTILS D'IMPLANTATION AUTOMATISES DANS LA CONCEPTION DE CIRCUITS
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) MOHAN, Sunderarjan; 600 Sharon Park Drive, Apt B-108, Menlo Park, CA 94025 (US). SHEN, Xiling; P.O. Box 18068, Stanford, CA 94309 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
(11) WO 03/088100 (13) A2
(21) PCT/US03/10612
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
(30) 10/119,347 7 Apr/avr 2002 US (07.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • AUTOMATIC PHASE LOCK LOOP DESIGN USING GEOMETRIC PROGRAMMING
• CONCEPTION DE BOUCLES A VERROUILLAGE DE PHASE AUTOMATIQUE A L'AIDE DE LA PROGRAMMATION GEOMETRIQUE
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) COLLERAN, Dave; 3311 Los Prados #2, San Jose, CA 94403 (US). HASSIBI, Arash; 2124 Rock Street #43, Mountain View, CA 94043 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
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- (51)⁷ G06F 17/50
(11) WO 03/088101 (13) A2
(21) PCT/US03/10613
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
(30) 10/119,326 7 Apr/avr 2002 US (07.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND APPARATUS FOR AUTOMATIC LAYOUT OF CIRCUIT STRUCTURES
• PROCEDE ET APPAREIL POUR L'IMPLANTATION AUTOMATIQUE DE STRUCTURES DE CIRCUITS
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) MOHAN, Sunderarjan; 600 Sharon Park Drive, Apt B-108, Menlo Park, CA 94025 (US). SHEN, Xiling; P.O. Box 18068, Stanford, CA 94309 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
(11) WO 03/088102 (13) A2
(21) PCT/US03/11357
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 60/372,340 10 Apr/avr 2002 US (10.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD AND APPARATUS FOR EFFICIENT SEMICONDUCTOR PROCESS EVALUATION
• PROCEDE ET APPAREIL PERMETTANT D'EVALUER EFFICACEMENT D'UN PROCESSUS DE FABRICATION DE SEMI-CONDUCTEUR
(71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
(72) HEYDLER, Thomas; 2173 Deer Oak Way, Danville, CA 94506 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/088103 (13) A1

(21) PCT/CA03/00521

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/372,159 12 Apr/avr 2002 US (12.04.2002)

(30) 10/158,101 29 May/mai 2002 US (29.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPLICATION SERVICE EXTENSION METHODS AND APPARATUSES

• PROCEDES ET APPAREILS D'EXTENSION DE SERVICES LOGICIELS

(71) FINANCIALCAD CORPORATION [CA/CA]; 7455 132 St., Suite 100, Surrey, British Columbia V3W 1J8 (CA).

(72) GLASSCO, David, H., J.; c/o Financialcad Corporation, 7455 132 Street, Suite 100, Surrey, British Columbia V3W 1J8 (CA). LACEY, Martin, M.; c/o Financialcad Corporation, 7455 132 Street, Suite 100, Surrey, British Columbia V3W 1J8 (CA).

(74) RICHES, McKENZIE & HERBERT LLP; 2 Bloor Street East, Suite 1800, Toronto, Ontario M4W 3J5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, 17/30

(11) WO 03/088104 (13) A1

(21) PCT/CA03/00531

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/118,927 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHODE FOR MONITORING AND MANAGING PHYSICAL ASSETS USING A DATABASE

• SYSTEME DE SURVEILLANCE ET DE GESTION D'ACTIFS PHYSIQUES AU MOYEN D'UNE BASE DE DONNEES

(71) HOTBUTTON SOLUTIONS INC. [CA/CA]; 250, 706-7th Avenue SW, Calgary, Alberta T2P 0Z1 (CA).

(72) CHESTNUT, William; 10012 Fairmount Drive S.E., Calgary, Alberta T2J 0S7 (CA). GLENDON, Jane; 1423 Sunwood Rd. S.E., Calgary, Alberta T2X 2L5 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

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(21) PCT/CA03/00532

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/372,159 12 Apr/avr 2002 US (12.04.2002)

(30) 10/158,290 29 May/mai 2002 US (29.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPUTER ASSISTED CONTRACTING OF APPLICATION SERVICES

• PASSATION DE CONTRAT ASSISTEE PAR ORDINATEUR DE SERVICES D'APPLICATION

(71) FINANCIALCAD CORPORATION [CA/CA]; 7455 132 Street, Suite 100, Surrey, British Columbia V3W 1J8 (CA).

(72) GLASSCO, David, H., J.; c/o Financialcad Corporation, 7455 132 Street, Suite 100, Surrey, British Columbia V3W 1J8 (CA). LACEY, Martin, M.; c/o Financialcad Corporation, 7455 132 Street, Suite 100, Surrey, British Columbia V3W 1J8 (CA).

(74) RICHES, McKENZIE & HERBERT LLP; 2 Bloor Street East, Suite 1800, Toronto, Ontario M4W 3J5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, G01D 7/10

(11) WO 03/088106 (13) A1

(21) PCT/DE03/01053

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 102 16 385.5 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR REPRESENTING A PROCESS FLOW

• PROCEDE ET DISPOSITIF POUR REPRESENTER UN DEROULEMENT DE PROCESSUS

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIRBIG, Paul [DE/DE]; Leipzigerstr. 10, 91080 Uttenreuth (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06F 17/60

(11) WO 03/088107 (13) A2

(21) PCT/GB03/01567

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/119,665 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DETERMINATION OF ATTRIBUTES BASED ON PRODUCT DESCRIPTIONS

- DETERMINATION D'ATTRIBUTS SUR LA BASE DE DESCRIPTIONS DE PRODUITS
- (71) **ACCENTURE GLOBAL SERVICES GMBH** [CH/CH]; Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GHANI, Rayid** [GB/US]; 533 Michigan Avenue, Apt. 1W, Evanston, IL 60202 (US).
FANO, Andrew, E. [US/US]; 6 Plymouth Court, Lincolnshire, IL 60069 (US).
- (74) **BERESFORD, Keith, Denis, Lewis et al.** / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51)⁷ **G06F 17/60**
- (11) **WO 03/088108** (13) A1
- (21) PCT/IB03/01153
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) en (26) en
- (30) 10/125,782 **18 Apr/avr 2002** US
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A SECURE METHOD OF AND SYSTEM FOR REWARDING CUSTOMERS
• SYSTEME ET PROCEDE SECURISES PERMETTANT DE RECOMPENSER DES CLIENTS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HARS, Laszlo**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **ROLFES, Johannes, G., A.**; International Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (51) **G06F 17/60**
- (11) **WO 03/088109** (13) A2
- (21) PCT/IB03/01431
- (22) **16 Apr/avr 2003 (16.04.2003)**
- (25) en (26) en
- (30) 10/123,166 **17 Apr/avr 2002** US
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RETAIL SYSTEM COMBINING RETAIL STORES WITH ELECTRONIC PRODUCT ORDERING
• SYSTEME DE VENTE AU DETAIL COMBINANT MAGASINS DE VENTE AU DETAIL ET COMMANDE ELECTRONIQUE DE PRODUITS
- (71, 72) **RAZUMOV, Sergey, N.** [RU/RU]; Elektricheskly Pereulok, dom 8, Korpus 4 kvartira 7, Moscow (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51) **G06F 17/60**
- (11) **WO 03/088110** (13) A2
- (21) PCT/IB03/01832
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) en (26) en
- (30) 60/372,896 **15 Apr/avr 2002** US
(15.04.2002)
- (30) 10,210,201 **31 Jul/juil 2002** US
(31.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHANGE MANAGEMENT OF RECIPES
• GESTION DES CHANGEMENTS AFFECTANT LES PROCEDURES DECRISES
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurotstrasse 16, 69190 Walldorf (DE).
- (72) **SCHOLL, Juergen**; Franz-Mueller-Strasse 50/1, 75015 Bretten (DE). **RHODEMANN, Dirk**; Laube 13A, 69242 Muehlhausen (DE). **VOMHOF, Thomas**; Kurpfalzstr. 44, 69168 Wiesloch (DE).
- (74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- Published / Publiée : (i)
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- (51) **G06F 17/60**
- (11) **WO 03/088110** (13) A2
- (21) PCT/IB03/01832
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) en (26) en
- (30) 60/372,896 **15 Apr/avr 2002** US
(15.04.2002)
- (30) 10,210,201 **31 Jul/juil 2002** US
(31.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CHANGE MANAGEMENT OF RECIPES
• GESTION DES CHANGEMENTS AFFECTANT LES PROCEDURES DECRISES
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurotstrasse 16, 69190 Walldorf (DE).
- (72) **SCHOLL, Juergen**; Franz-Mueller-Strasse 50/1, 75015 Bretten (DE). **RHODEMANN, Dirk**; Laube 13A, 69242 Muehlhausen (DE). **VOMHOF, Thomas**; Kurpfalzstr. 44, 69168 Wiesloch (DE).
- (74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51)⁷ **G06F 17/60**
- (11) **WO 03/088111** (13) A2
- (21) PCT/IB03/01924
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) en (26) en
- (30) 60/372,896 **15 Apr/avr 2002** US
(15.04.2002)
- (30) 10/210,198 **31 Jul/juil 2002** US
(31.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CUSTOMIZING PROCESS FLOWS
• PERSONNALISATION DU FLUX DE PROCESSUS
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurotstrasse 16, 69190 Walldorf (DE).
- (72) **SCHOLL, Juergen**; Franz-Mueller-Strasse 50/1, 75015 Bretten (DE). **RHODEMANN, Dirk**; Laube 13A, 69242 Muehlhausen (DE). **VOMHOF, Thomas**; Kurpfalzstrasse 44, 69168 Wiesloch (DE).
- (74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51)⁷ **G06F 17/60**
- (11) **WO 03/088112** (13) A2
- (21) PCT/IB03/01957
- (22) **15 Apr/avr 2003 (15.04.2003)**
- (25) en (26) en
- (30) 60/372,896 **15 Apr/avr 2002** US
(15.04.2002)
- (30) 10/210,892 **31 Jul/juil 2002** US
(31.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • QUALITY MANAGEMENT IN PROCESS FLOWS
• GESTION DE QUALITE DANS DES FLUX DE PROCESSUS
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurotstrasse 16, 69190 Walldorf (DE).
- (72) **SCHOLL, Juergen**; Franz-Mueller-Strasse 50/1, 75015 Bretten (DE). **ROHDEMANN,**

Dirk; Laube 13A, 69242 Muehlhausen (DE).
VOMHOF, Thomas; Kurpfalzstr. 44, 69168
Wiesloch (DE).

(74) SCHIUMA, Daniele; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/088113 (13) A1

(21) PCT/JP03/03467

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 2002-078128 20 Mar/mar 2002 JP (20.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CREDIT CARD PAYMENT SETTLEMENT AND SYSTEM FOR SAME
• PROCEDE POUR REGLEMENT DES PAIEMENTS PAR CARTES DE CREDIT ET SYSTEME A CET EFFET

(71, 72) KAWAHARA, Hiroshi [JP/JP]; CI Mansion 209, 1-9, Todoroki-cho 5-chome, Inage-ku, Chiba-shi, Chiba 263-0021 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; Akasaka NOA Building, 8th Floor, 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU BR CA CN IN JP KR MX RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 17/60

(11) WO 03/088114 (13) A1

(21) PCT/JP03/04544

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111927 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION PROCESSING DEVICE AND METHOD, PROGRAM STORING MEDIUM, AND PROGRAM
• DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS, SUPPORT DE PROGRAMME ET PROGRAMME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KAWAMOTO, Yoji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EZURA, Yuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAGANO, Motohiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G06F 17/60

(11) WO 03/088115 (13) A1

(21) PCT/JP03/04575

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-116762 18 Apr/avr 2002 JP (18.04.2002)

(30) 2002-200359 9 Jul/juil 2002 JP (09.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IN-SHOP STOCK MANAGEMENT SYSTEM, IN-SHOP STOCK MANAGEMENT METHOD, AND RECORDING MEDIUM CONTAINING PROGRAM
• SYSTEME ET PROCEDE DE GESTION DE STOCK EN RAYONS, PROGRAMME AVEC SUPPORT D'ENREGISTREMENT

(71) WORLD CO., LTD. [JP/JP]; 8-1, 6-chome, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo 650-0046 (JP).

(72) TERA, Hidezo; c/o WORLD CO., LTD., 8-1, 6-chome, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo 650-0046 (JP). IKEUCHI, Kiyokazu; c/o WORLD CO., LTD., 8-1, 6-chome, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo 650-0046 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES, 8F, 37 Mori Building, 3-5-1, Toranomon, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR SG.

(51)⁷ G06F 17/60

(11) WO 03/088116 (13) A2

(21) PCT/JP03/04660

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 2002-114885 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTAINER MANAGEMENT METHOD AND CONTAINER MANAGEMENT SYSTEM
• PROCEDE DE GESTION DE CONTENEURS ET SYSTEME DE GESTION DE CONTENEURS

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) KAWAKAMI, Ikuo; c/o Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). WATANABE, Noboru; c/o Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). NISHIKIDO, Takeshi; c/o Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(74) OKADA, Tsuguo et al. / etc.; OKADA & FUSHIMI, NE Kudan Bldg. 5F, 2-7, Kudan-minami 3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) CA MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G06F 17/60

(11) WO 03/088117 (13) A1

(21) PCT/JP03/04673

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111685 15 Apr/avr 2002 JP (15.04.2002)

(30) 2002-111686 15 Apr/avr 2002 JP (15.04.2002)

(30) 2002-129132 30 Apr/avr 2002 JP (30.04.2002)

(30) 2003-43218 20 Feb/fév 2003 JP (20.02.2003)

(30) 2003-83969 26 Mar/mar 2003 JP (26.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENVIRONMENT IMPACT ASSESSMENT METHOD
• PROCEDE POUR ETUDE D'IMPACT SUR L'ENVIRONNEMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) OKADA, Yuka; 5-3-3-201, Sakuraguchi-cho, Nada-ku, Kobe-shi, Hyogo 657-0036 (JP). UENO, Takayoshi; 2-9-15-303, Maki-nozaka, Hirakata-shi, Osaka 573-1146 (JP). KAWAKAMI, Tetsuji; 4-1-8-402, Hoshidanishi, Katano-shi, Osaka 576-0015 (JP). ONISHI, Hiroshi; 40-11, Yabumotomachi, Hirakata-shi, Osaka 573-1125 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN.

(51)⁷ G06F 17/60

(11) WO 03/088118 (13) A1

(21) PCT/KR02/00872

(22) 10 May/mai 2002 (10.05.2002)

(25) ko (26) en

(30) 2002-18848 8 Apr/avr 2002 KR (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A BIDIRECTIONAL CONVERSATION SYSTEM AND METHOD FOR USING THEREOF
- SYSTEME DE DIALOGUE BIRECTIONNEL ET SON PROCEDE D'UTILISATION
- (71) Z3SOFT CO., LTD. [KR/KR]; 1416 KeumKang Venturitel 1108, Buheung-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-054 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Jeong, Mo [KR/KR]; 2nd Floor, Samsung Building, 156-24 shindang 5-dong, Joong-gu, Seoul 100-455 (KR).
- (74) KIM, Yoon, Bae; Kims and Lees International Patent and Law Office, Dongduk Building, 8th floor, 151-8, Kwanhoon-dong, Jongro-Gu, Seoul 110-300 (KR).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/60
(11) WO 03/088119 (13) A1
(21) PCT/US03/10537
(22) 7 Apr/avr 2003 (07.04.2003)
(25) en (26) en
(30) 60/370,937 8 Apr/avr 2002 US (08.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR SOLICITING PROPOSALS FOR SOFTWARE DEVELOPMENT SERVICES
- SYSTEME ET PROCEDE DE DEVELOPPEMENT DE LOGICIELS

(71) TOPCODER, INC. [US/US]; 703 Hebron Avenue, Glastonbury, CT 06033 (US).

(72) HUGHES, John, M.; 45 Bluebird Lane, Glastonbury, CT 06248 (US).

(74) HEFFAN, Ira, V.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, 15/82, 13/00, 7/00, 17/28
(11) WO 03/088120 (13) A1
(21) PCT/US03/10960
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 60/372,244 12 Apr/avr 2002 US (12.04.2002)
(30) 10/271,705 15 Oct/oct 2002 US (15.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR AUTOMATED WORKFLOW APPLICATION DEVELOPMENT

- SYSTEME ET PROCEDE DE MISE AU POINT D'UNE APPLICATION DE FLUX DE TRAVAUX AUTOMATISEE

(63) US 10/271,705 (CON)
15 Oct/oct 2002 (15.10.2002)

(71) NOBILIS SOFTWARE, INC. [US/US]; 286 Congress Street, 6th Floor, Boston, MA 02210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLEASON, David [US/US]; 40 Pleasant Street, Sharon, MA 02067 (US). CLIFTON, Michael [US/US]; 7 Briarwood Drive, Salem, NH 03079 (US). MANISCALCO, James, F. [US/US]; 10 Brackett Street, East Milton, MA 02186 (US). FARINGTON, Stephen [GB/US]; 6 Hawkstone, Corut, Perton, Wolverhampton, WB6 7YT (GB).

(74) KOZIK, Kenneth, F.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60
(11) WO 03/088121 (13) A2
(21) PCT/US03/10963
(22) 9 Apr/avr 2003 (09.04.2003)
(25) en (26) en
(30) 10/123,066 11 Apr/avr 2002 US (11.04.2002)
(30) 10/177,508 20 Jun/juin 2002 US (20.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • INTELLIGENT AUTHORIZED RETURN SYSTEMS AND METHODS

- SYSTEMES ET PROCEDES DE RETOUR AUTORISE INTELLIGENTS

(71) UNITED PARCEL SERVICE OF AMERICA, INC. [US/US]; 55 Glenlake Parkway, N.E., Atlanta, GA 30328 (US).

(72) SMITH, William, Loyd, Jr.; 912 Chattahoochee Circle, Roswell, GA 30075 (US).

(74) KAHLE, Neill, R., Jr. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/088122 (13) A1

(21) PCT/US03/11341

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,488 10 Apr/avr 2002 US (10.04.2002)

(30) 10/262,487 30 Sep/sep 2002 US (30.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR PROJECT BID AND REQUISITION PROCESS

- SYSTEME ET PROCEDE D'OFFRE DE PROJET ET PROCEDE DE DEMANDE D'ACHAT

(71) VOLT INFORMATION SCIENCES, INC. [US/US]; West Region Corporate Park, 2401 N. Glassell Street, Orange, CA 92865 (US).

(72) CULLEN, Andrew, A., III; 266 Eyland Avenue, Succasunna, NJ 07876 (US). DANILOV, Ivan; 200 Wellington Court, Staten Island, NY 10314 (US). ZILBERMAN, Leonid; 2785 Ocean Parkway, Apt. 4H, Brooklyn, NY 11235 (US).

(74) RUDNICK, Holly, L.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 19/00, G01N 15/14

(11) WO 03/088123 (13) A1

(21) PCT/EP03/03960

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 16 683.8 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR ANALYZING CHEMICAL AND/OR BIOLOGICAL SAMPLES BY MEANS OF PARTICLE IMAGES
• PROCEDE POUR ANALYSER DES ECHANTILLONS CHIMIQUES ET/OU BIOLOGIQUES AU MOYEN D'IMAGES PARTICULAIRES

(71) EVOTEC OAI AG [DE/DE]; Schnackenburgallee 114, 22525 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRSCH, Achim [DE/DE]; Langenfelder Damm 70, 22525 Hamburg (DE).
OLLIKAINEN, Olavi [EE/EE]; Turu plats 5/7-7, 11611 Tallinn (EE).

(74) VON KIRSCHBAUM, Alexander et al. / etc.; Bahnhofsvorplatz 1 (Deichmannhaus am Dom), 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 19/00, 17/60

(11) WO 03/088124 (13) A2

(21) PCT/US03/10193

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/372,764 12 Apr/avr 2002 US (12.04.2002)

(30) 10/308,648 3 Dec/déc 2002 US (03.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SYSTEM AND USER INTERFACE SUPPORTING USE OF RULES FOR PROCESSING HEALTHCARE AND OTHER CLAIM DATA

- SYSTEME ET INTERFACE UTILISATEUR SOUTENANT L'UTILISATION DE REGLES PERMETTANT LE TRAITEMENT DE DONNEES DE DEMANDES DE SOINS DE SANTE ET AUTRES DONNEES DE DEMANDES

(71) SIEMENS MEDICAL SOLUTIONS USA, INC. [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).

(72) FITZGERALD, David; 18 Farmington Circle, West Grove, PA 19390 (US). LUCAS, Brian; 101 Cascade Road, Springfield, PA 19064 (US). LONG, Greg; 205 Cardinal Drive, Conshohocken, PA 19428 (US). KLASSEN, SR., David Hiebert; 65 Devon Road, Paoli, PA 19301 (US). HUNTER, John; 189 Jonathan Drive, North Wales, PA 19454 (US).

(74) BURKE, Alexander J. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 19/00

(11) WO 03/088125 (13) A2

(21) PCT/US03/10961

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,643 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,643 10 Apr/avr 2002 US (10.04.2002)

(30) 60/371,956 11 Apr/avr 2002 US (11.04.2002)

(30) 60/371,871 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR INTEGRATED COMPUTER-AIDED MOLECULAR DISCOVERY

- SYSTEME ET PROCEDE D'INTEGRATION D'UNE DECOUVERTE MOLECULAIRE ASSISTEE PAR ORDINATEUR

(71) TRANSTECH PHARMA, INC. [US/US]; 4170 Mendenhall Oaks Parkway, Suite 110, High Point, NC 27265 (US).

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(72, 75) SAWAFTA, Reyad, I. [US/US]; 5506 Gate Post Court, Greensboro, NC 27455 (US). BAUDRY, Jerome [FR/US]; 3305 Valerie Drive, Champaign, IL 61822 (US). KUTZ, Michael, E. [US/US]; 103 Peach Orchard Drive, Greensboro, NC 27455 (US). SUBRAMANIAN, Govindan [IN/US]; 1835 Morgans Mill Way, High Point, NC 27265 (US).

(74) CALKINS, Charles, W. et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06G 7/48

(11) WO 03/088126 (13) A1

(21) PCT/US03/10529

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,277 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PORTABLE IN-THE-VEHICLE ROAD SIMULATOR

- SIMULATEUR DE ROUTE EMBARQUE PORTABLE

(71, 72) SIZOV, Konstantin [US/US]; 56 Warren Street, Newton, MA 02459 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 03/088127 (13) A2

(21) PCT/US03/10309

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,181 8 Apr/avr 2002 US (08.04.2002)

(30) 10/404,641 31 Mar/mar 2003 US (31.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTRONIC TRACKING TAG

- ETIQUETTE ELECTRONIQUE DE POURSUITE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) WIBISONO, Hingan; 48 Haight St. Apt. #27, San Francisco, CA 94102 (US).

(74) SALTER, James, H. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wishire Boulevard, 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 03/088128 (13) A2

(21) PCT/US03/06243

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) 10/118,492 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STORING AND RETRIEVING CONTENT OF VARIOUS TYPES WITH AN AUDIO CD

• STOCKAGE ET EXTRACTION DE CONTENUS DE DIVERS TYPES A L'AIDE D'UN DISQUE COMPACT AUDIO

(71) DIGITAL STREAM USA, INC. [US/US]; 44061 Nobel Drive, Fremont, CA 94538 (US).

(72) VARGAS, Rodolfo; 345 Sheridan Ave., 414, Palo Alto, CA 94306 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 5/02

(11) WO 03/088129 (13) A1

(21) PCT/GB03/01143

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0208040.6 8 Apr/avr 2002 GB (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED SYSTEM FOR MARKING COMPONENTS AND FOR VERIFYING THE APPLIED MARKING

• SYSTEME AMELIORE DE MARQUAGE DE COMPOSANTS ET DE VERIFICATION DU MARQUAGE APPLIQUE

(71) EDWARD PRYOR & SON LIMITED [GB/GB]; Egerton Street, Sheffield S1 4JX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDREW, Neil [GB/GB]; Egerton Street, Sheffield S1 4JX (GB). RAY, David, James [GB/GB]; Egerton Street, Sheffield S1 4JX (GB).

(74) FRANKS, Robert, Benjamin; Franks & Co, 9 President Buildings, Savile Street East, Sheffield S4 7UQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06K 9/00, G06F 19/00

(11) WO 03/088130 (13) A1

(21) PCT/AU03/00409

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) PS 1552 5 Apr/avr 2002 AU (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF IDENTIFYING END-MEMBER SPECTRAL VALUES FROM HYPERSPECTRAL IMAGE DATA

• PROCEDE PERMETTANT D'IDENTIFIER DES VALEURS SPECTRALES DE POLES A PARTIR DE DONNEES D'IMAGES HYPERSPECTRALES

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU).

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(72, 75) BERMAN, Mark [AU/AU]; 12 Cadow Street, Pymble, New South Wales 2073 (AU). DUNNE, Robert, Aidan [AU/AU]; 42 Ivy Street, Darlington, New South Wales 2008 (AU). LAGERSTROM, Ryan [AU/AU]; 9 Bellevue Street, Glebe, New South Wales 2038 (AU). KIIVERI, Harri, Tapio [AU/AU]; 13 Pearson Crescent, Bullcreek, Western Australia 6149 (AU).

(74) WALLACE, Rohan, James; c/- GRIFFITH HACK, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/00

(11) WO 03/088131 (13) A2

(21) PCT/JP03/04550

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 2002-110936 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR FACE DESCRIPTION AND RECOGNITION USING HIGH-ORDER EIGEN-COMPONENTS

• PROCEDE ET APPAREIL DE RECONNAISSANCE ET DE DESCRIPTION

FACIALES UTILISANT DES COMPOSANTS PROPRES D'ORDRE ELEVE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAO, Yongsheng [CN/SG]; c/o School of Computer Engineering, Nanyang Technological University, Block N4, #2a-32 Nanyang Avenue, 639798 Singapore (SG). LEE, Chak Joo [SG/SG]; Block 5000D, Marine Parade Road, #05-13 Laguna Park, 449287 Singapore (SG). SHEN, Sheng Mei [SG/SG]; Block 20, Choa Chu Kang Street 64 #03-02 Windermere, 689093 Singapore (SG). HUANG, Zhongyang [CN/SG]; Block 608, Choa Chu Kang Street 62, #08-105, 680608 Singapore (SG). SENOHI, Takanori [JP/JP]; 1-24-8, Higashinakaburi, Hirakata-shi, Osaka 573-0093 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/00, 9/32, 9/46

(11) WO 03/088132 (13) A1

(21) PCT/SG02/00060

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROBUST FACE REGISTRATION VIA MULTIPLE FACE PROTOTYPES SYNTHESIS

• ENREGISTREMENT ROBUSTE DE VISAGES PAR SYNTHÈSE DE MULTIPLES PROTOTYPES DE VISAGES

(71) KENT RIDGE DIGITAL LABS [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).

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(72, 75) MARIANI, Roberto [FR/SG]; Spanish Village, Farrer Road, Block 56 #01-05, Singapore 246688 (SG).

(74) AXIS INTELLECTUAL CAPITAL PTE LTD; 21A Duxton Road, Singapore 089487 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/00

(11) WO 03/088133 (13) A1

(21) PCT/US03/10524

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,306 6 Apr/avr 2002 US (06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODIFICATION OF THE NORMALIZED DIFFERENCE METHOD FOR REAL-TIME OPTICAL TOMOGRAPHY

• MODIFICATION DE LA METHODE DE DIFFERENCE NORMALISEE POUR UNE TOMOGRAPHIE OPTIQUE EN TEMPS REEL

(71, 72) BARBOUR, Randall, L. [US/US]; 15 Cherry Lane, Glen Head, NY 11545 (US). PEI, Yaling [CN/US]; 31 Cold Hills Road, Morris Plains, NJ 07950 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/11, G10L 13/08

(11) WO 03/088134 (13) A1

(21) PCT/US03/10008

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/120,711 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • READING MACHINE

• DISPOSITIF DE LECTURE

(71, 72) SCHULLER, Carroll, King [US/US]; 2128 Boardman Lane, Richmond, VA 23233 (US).

(74) BUFF, Ernest, D.; Ernest D. Buff & Associates, LLC, 245 South Street, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 11/00

(11) WO 03/088135 (13) A2

(21) PCT/IB03/01059

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 02076461.9 15 Apr/avr 2002 EP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TOUCH SENSITIVE DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE TACTILE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) JOHNSON, Mark, T. [GB/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). MARSH, Simon, R. [GB/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). DESTURA, Galileo, J., A. [PH/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). AARTS, Ronaldus, M. [NL/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). HUITEMA, Hjalmar, E., A. [NL/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 11/00

(11) WO 03/088136 (13) A2

(21) PCT/IL03/00309

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,197 15 Apr/avr 2002 US (15.04.2002)

(30) 60/425,304 12 Nov/nov 2002 US (12.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR OBTAINING POSITIONING DATA

• PROCEDE ET SYSTEME POUR OBTENIR DES DONNEES DE POSITIONNEMENT

(71) EPOS TECHNOLOGIES LIMITED [GB/GB]; "Trident Chambers", P. O. Box 146, Road Town, Tortola (VG).

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(72, 75) ALTMAN, Nathan [IL/IL]; 39 Hashmonaim Street, 64 251 Tel Aviv (IL). ELIASHIV, Oded [IL/IL]; 1 Moshe Aram Street, 69 353 Tel Aviv (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/06, 1/12

(11) WO 03/088137 (13) A1

(21) PCT/FR03/01162

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04607 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETIC MARKING SYSTEM, METHOD AND MACHINE FOR PRODUCING THE SAME

• SYSTÈME DE MARQUAGE MAGNETIQUE, PROCEDE ET MACHINE POUR SA FABRICATION

(71) CRYPTIC [FR/FR]; 92, rue Réaumur, F-75002 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOULAY, Bernard [FR/FR]; 193, chemin du Robiat, F-69250 Poleymieux au Mont d'Or (FR).

(74) CABINET GERMAIN & MAUREAU; B.P. 6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G06K 19/077, H01L 23/28, 23/498, 23/538

(11) WO 03/088138 (13) A1

(21) PCT/DE03/00813

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 16 841.5 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SINGLE-LAYERED MULTICHIP MOD-
ULE

• MODULE MULTIPUCE MONO-
COUCHE

(71) INFINEON TECHNOLOGIES AG
[DE/DE]; St.-Martin-Strasse 53, 81669
München (DE).

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les États désignés sauf US)

(72, 75) GRUBER, Martin [DE/DE];
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Strasse 11, 93164 Laaber (DE).

(74) EPPING, HERMANN & FISCHER
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MBH; Ridlerstrasse 55, 80339 München
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(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G06K 19/077

(11) WO 03/088139 (13) A1

(21) PCT/EP03/50109

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 0204899 18 Apr/avr 2002 FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR ENCAPSULATION OF
A CHIPCARD AND MODULE OB-
TAINED THUS

• PROCEDE DE CONDITIONNEMENT
DE MICROCIRCUITS POUR CARTE A
PUCE ET MODULE AINSI OBTENU

(71) FCI [FR/FR]; 53, rue de Châteaudun,
F-75009 PARIS (FR).

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les États désignés sauf US)

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Jean-Jacques [FR/FR]; 5, rue Michel Cham-
brin, F-27930 CIERREY (FR). MATHIEU,
Christophe [FR/FR]; 187bis, avenue du
Maréchal Foch, F-78300 POISSY (FR).

(74) SCHMIT, Christian, Norbert.; 8, place du
Ponceau, F-95000 CERGY (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G06K 19/077, H01L 23/485

(11) WO 03/088140 (13) A1

(21) PCT/IB03/01356

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 02100383.5 16 Apr/avr 2002 EP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODULE FOR A DATA CARRIER
WITH IMPROVED BUMP COUNTER-
PARTS

• MODULE POUR SUPPORT DE
DONNEES DOTE DE CONTRE-EM-
PREINTES EN FORME DE BOSSES

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg
1, NL-5621 BA Eindhoven (NL). W.C.
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(72, 75) MOLL, Rainer [AT/AT]; c/o Prof .
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RABE, Michael [AT/DE]; c/o Prof . Holst-
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(74) WEBER, Helmut; Internationaal Octrooibu-
reau B.V., Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06N 3/04

(11) WO 03/088141 (13) A2

(21) PCT/EP03/03355

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 102 16 243.3 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE FOR EVENT DETECTION
AND METHOD FOR MEASURING
THE ACTIVITY OF NEURONAL NET-
WORKS

• DISPOSITIF DE DETECTION D'EVE-
NEMENTS ET PROCEDE POUR LA
MESURE DE L'ACTIVITE DE RE-
SEAUX NEURONAUX

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(72, 75) EVERSMAAN, Björn-Oliver
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(DE). PAULUS, Christian [DE/DE];
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heimstr. 7, 82194 Gröbenzell (DE).

(74) ROCKE, Carsten; Müller-Boré & Partner,
Grafinger Str. 2, 81671 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G06N 5/00

(11) WO 03/088142 (13) A2

(21) PCT/US03/11354

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,659 10 Apr/avr 2002 US
(10.04.2002)

(30) 60/431,551 5 Dec/déc 2002 US
(05.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR MAN-
AGING COMPUTER SYSTEMS

• PROCEDE ET SYSTEME DE GESTION
DE SYSTEMES INFORMATIQUES

(71) INSTASOLV, INC. [US/US]; 3572 Geneva
Drive, Santa Clara, CA 95051 (US).

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les États désignés sauf US)

(72, 75) DAS, Saumitra [IN/US]; 3572 Geneva
Drive, Santa Clara, CA 95051 (US).
SOKOLOV, Stepan [UA/US]; 34832 Do-
rado Commons, Fremont, CA 94555 (US).
CHIU, Yuan-chi [—/US]; 1136 W. Linden
Street, #208, Riverside, CA 92507 (US).

(74) THOMAS, C., Douglass; BEYER
WEAVER & THOMAS, LLP, P.O. BOX
778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06T
- (11) WO 03/088143 (13) A2
- (21) PCT/FR03/01168
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) fr (26) fr
- (30) 02/04898 18 Apr/avr 2002 FR (18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR ASSISTING AND GUIDING THE NAVIGATION OF A TOOL IN ANATOMICAL STRUCTURES
- PROCEDE D'ASSISTANCE ET DE GUIDAGE DE NAVIGATION D'UN OUTIL DANS DES STRUCTURES ANATOMIQUES.
- (71) UNIVERSITE DE RENNES 1 [FR/FR]; 2, rue du Thabor, CS 46510, F-35065 Rennes Cedex (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAIGRON, Pascal [FR/FR]; 35, rue Lafond, F-35700 Rennes (FR). LUCAS, Antoine [FR/FR]; La Touche Aury, F-35135 Chantepie (FR).
- (74) GUENE, Patrick; Le Nobel, 2, allée Antoine Becquerel, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06T 1/00
- (11) WO 03/088145 (13) A1
- (21) PCT/DE03/01166
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) de (26) de
- (30) 102 16 850.4 16 Apr/avr 2002 DE (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR ANALYZING IMAGE PROCESSING PROCESSES
- PROCÉDÉ D'ANALYSE DE PROCESSUS DE TRAITEMENT D'IMAGES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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- (72, 75) SCHNEKENBURGER, Thomas [DE/DE]; Sonnenblumenring 41, 86415 Mering (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G06T 1/00
- (11) WO 03/088146 (13) A2
- (21) PCT/EP03/01914
- (22) 25 Feb/fév 2003 (25.02.2003)
- (25) de (26) de
- (30) 102 16 261.1 12 Apr/avr 2002 DE (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR EMBEDDING WATERMARK INFORMATION AND METHOD AND DEVICE FOR EXTRACTING EMBEDDED WATERMARK INFORMATION
- PROCEDE ET DISPOSITIF D'INSERTION D'INFORMATIONS DE FILIGRANAGE, PROCEDE ET DISPOSITIF D'EXTRACTION D'INFORMATIONS DE FILIGRANAGE INSEREES
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NEUBAUER, Christian [DE/DE]; Efeltrichter Strasse 24, 90411 Nürnberg (DE). HERRE, Jürgen [DE/DE]; Am Eichengarten 11, 91054 Buckenhof (DE). KULESSA, Ralph [DE/DE]; Untere Kellerstrasse 50, 90537 Feucht (DE). SIEBENHAAR, Frank [DE/DE]; Dr.-Carlo-Schmid-Strasse 12, 90491 Nürnberg (DE). SPINLER, Wolfgang [DE/DE]; Zanderstrasse 11, 91054 Erlangen (DE).
- (74) SCHOPPE, Fritz et al. / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, Postfach / P.O. 246, 82043 Pullach b. München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06T 3/60, H04N 1/387
- (11) WO 03/088147 (13) A1
- (21) PCT/IB03/01363
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 0208654.4 16 Apr/avr 2002 GB (16.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMAGE ROTATION CORRECTION FOR VIDEO OR PHOTOGRAPHIC EQUIPMENT
- CORRECTION DE ROTATION D'IMAGE POUR EQUIPEMENT VIDEO OU PHOTOGRAPHIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMASON, Graham, G. [GB/GB]; c/o Philips Intellectual Property & Standards,

- Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) **TURNER, Richard, C.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 5/50**
- (11) **WO 03/088148** (13) A1
- (21) PCT/US03/10380
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) en (26) en
- (30) 60/370,521 **5 Apr/avr 2002 US (05.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEMS AND METHOD FOR GENERATING AN IMAGE
• SYSTEMES ET PROCEDE DE GENERATION D'IMAGES
- (71) **GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
- (72) **BOAS, David, A.**; 8 Maple Street, New Market, NH 07857 (US). **QUAN, Zhang**; 33 Main Street, Apt. #2, Somerville, MA 02145 (US). **ANG, Li**; 28 Bromfield Road, Apt. #2, Somerville, MA 02144 (US).
- (74) **ABELEV, Gary**; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 9/00, G06F 17/50, 11/36**
- (11) **WO 03/088149** (13) A1
- (21) PCT/NZ03/00068
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) en (26) en
- (30) 518431 **17 Apr/avr 2002 NZ (17.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SPATIAL FILE CHECKING METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE VERIFICATION DE DOSSIER SPATIAL
- (71) **COMPUDIGM INTERNATIONAL LIMITED** [NZ/NZ]; Level 16, Compudigm House, 49 Boulcott Street, Wellington (NZ).
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- (72, 75) **CARDNO, Andrew, John** [NZ/NZ]; Level 16, Compudigm House, 49 Boulcott Street, Wellington (NZ).
- (74) **ADAMS, Matthew, D.** et al. / etc.; A J Park, 6th Floor Huddart Parker Building, Post Office Square, PO Box 949, 6015 Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 15/00, 7/00**
- (11) **WO 03/088150** (13) A1
- (21) PCT/US03/10863
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 60/371,043 **9 Apr/avr 2002 US (09.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RECONSTRUCTION AND MOTION ANALYSIS OF AN EMBRYO
• RECONSTRUCTION ET ANALYSE DU MOUVEMENT D'UN EMBRYON
- (71) **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; Oakdale Research Campus, 100 Oakdale Campus #214 TIC, Iowa city, IA 52242-5000 (US).
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- (72, 75) **HEID, Paul, J.** [US/US]; 2326 12th Street, Coralville, IA 52241 (US). **VOSS, Edward, R.** [US/US]; 2326 12th Street, Coralville, IA 52241 (US). **SOLL, David, R.** [US/US]; 321 Lexington Avenue, Iowa City, IA 52242 (US).
- (74) **STEFFEY, Charles, E.** et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 17/00**
- (11) **WO 03/088152** (13) A1
- (21) PCT/US03/11083
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 60/372,060 **12 Apr/avr 2002 US (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MEDICAL VIEWING SYSTEM AND IMAGE PROCESSING METHOD FOR VISUALISATION OF FOLDED ANATOMICAL PORTIONS OF OBJECT SURFACES
• SYSTEME DE VISUALISATION MEDICAL ET PROCEDE DE TRAITEMENT DESTINE A VISUALISER DES PORTIONS ANATOMIQUES REPLIEES DE SURFACES D'OBJETS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) **MAKRAM-EBEID, Shérif** [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). **FRADKIN, Maxim** [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). **ROUET, Jean-Michel** [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR).
- (74) **LOTTIN, Claudine**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 17/00**
- (11) **WO 03/088152** (13) A1
- (21) PCT/US03/11083
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 60/372,060 **12 Apr/avr 2002 US (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GRAPHICAL APPARATUS AND METHOD FOR TRACKING IMAGE VOLUME REVIEW

- PROCEDE ET APPAREIL GRAPHIQUE POUR SUIVRE UN EXAMEN D'UNE IMAGE EN TROIS DIMENSIONS

(71) **KONINKLIJKE PHILIPS ELECTRONICS NV** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) **YANOF, Jeffrey, H.** [US/US]; 33350 N. Burr Oak, Solon, OH 44139 (US). **STEIN-MILLER, Melinda** [US/US]; 13163 N.W. 18th Street, Pembroke Pines, FL 33028 (US). **CHANDRA, Shalabh** [IN/US]; 10172 Andover Drive, Twinsburg, OH 44087 (US). **SHUKLA, Himanshu, P.** [US/US]; 7020 Hickory Lane, Gates Mills, OH 44040 (US).

(74) **LUNDIN, Thomas, M.**; Philips Intellectual Property & Standards, 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G07B 17/00, G07F 17/26**

(11) **WO 03/088153** (13) A1

(21) PCT/SE03/00596

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) sv (26) en

(30) 0201178-1 **16 Apr/avr 2002 (16.04.2002)** SE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AN APPARATUS AND METHOD FOR HANDLING ITEMS OF MAIL

- PROCEDE ET APPAREIL DE TRAITEMENT DE PIÈCES DE COURRIER

(71, 72) **GÄRDE, Styrbjörn** [SE/FR]; 41, rue de Passy, F-75016 Paris (FR).

(74) **ALBIHNS STOCKHOLM AB**; P.O. Box 5581, SE-114 85 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07C**

(11) **WO 03/088154** (13) A2

(21) PCT/EP03/03659

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) de (26) de

(30) 102 17 533.0 **17 Apr/avr 2002 (17.04.2002)** DE

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE MODULAR WIRELESS IDENTIFICATION TRANSMITTER AND WIRELESS ACCESS CONTROL SYSTEM

- DETECTEUR D'IDENTIFICATION SANS FIL MODULAIRE ET PORTATIF ET SYSTÈME DE CONTRÔLE D'ACCÈS SANS FIL

(71) **DOM-SICHERHEITSTECHNIK GMBH & CO. KG** [DE/DE]; Wesseling Strasse 10-16, 50321 Brühl (DE).

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(72, 75) **BAREITHER, Wolfgang, M.** [DE/DE]; Emkendorfsstrasse 36c, 22605 Hamburg (DE). **KAISER, Thomas** [DE/DE]; Grünbaumstrasse 67, 42659 Solingen (DE). **PFEHR, Guido** [DE/DE]; Schwarzwaldstrasse 16, 53332 Bornheim (DE).

(74) **STEIL, Christian** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07C 1/10, 1/22, G01V 15/00, G06F 17/30, 17/40**

(11) **WO 03/088155** (13) A1

(21) PCT/AU03/00419

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) PS 1662 **10 Apr/avr 2002 (10.04.2002)** AU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SYSTEM FOR AND METHOD FOR AUTHENTICATING ITEMS

- SYSTÈME ET PROCÉDE D'AUTHENTIFICATION D'ARTICLES

(71) **SHAW IP PTY LTD** [AU/AU]; Kennerlys, 14 Vantor Avenue, West Perth, Western Australia 6005 (AU).

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(72, 75) **SHAW, Grant, Langley, Hohepa** [AU/AU]; 23 cachuca Court, Duncraig, W.A. 6023 (AU).

(74) **STEAD, Janet, Elizabeth**; Patent & Trade Marks Attorney, 5 Fern Street, Swanbourne, W.A. 6010 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07C 1/20**

(11) **WO 03/088156** (13) A2

(21) PCT/GB03/01584

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 0208273.3 **10 Apr/avr 2002 (10.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECURITY DEVICE

- DISPOSITIF DE SECURITE

(71, 72) **ELLIOTT, Michael, Jonathan** [GB/GB]; Stonest, Heron Hill Lane, Meopham, Kent, DA13 0DT (GB).

(74) **WHITE, Duncan, Rohan**; Edward Evans Barker, Clifford's Inn, Fetter Lane, London EC4A 1BZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07C 9/00, H04N 13/00**

(11) **WO 03/088157** (13) A1

(21) PCT/US03/11216

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,837 **8 Apr/avr 2002 (08.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TAILGATING AND REVERSE ENTRY DETECTION, ALARM, RECORDING AND PREVENTION USING MACHINE VISION

- DETECTION D'ACCES A CALIFOUR-CHON ET D'ECRITURE CONTREPASSE, ALARME, ENREGISTREMENT ET PREVENTION UTILISANT UNE VISION ARTIFICIELLE
 - (71) **NEWTON SECURITY INC.** [US/US]; 443 SW 41st Street, Renton, WA 98055 (US).
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 - (72, 75) **BRAMBLET, John, Westley** [—/US]; Vashon, WA (US). **WITTY, Carl, Roger** [—/US]; Renton, WA (US). **LaFORGE, Seth, Michael** [—/US]; Seattle, WA (US).
 - (74) **MORGAN, Kevan, L.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G07C 11/00, G07F 7/00, 17/12, G07C 9/00**
 - (11) **WO 03/088158** (13) A1
 - (21) PCT/GB03/01560
 - (22) **14 Apr/avr 2003 (14.04.2003)**
 - (25) en (26) en
 - (30) 0208504.1 **12 Apr/avr 2002 GB (12.04.2002)**
 - (43) 23 Oct/oct 2003 (23.10.2003)
 - (54) • KEY CONTROL SYSTEM
• SYSTEME DE CONTROLE DE CLES
 - (71, 72) **THOMPSON, Alastair, John** [GB/GB]; 20 Cavenham Road, Tuddenham St. Mary, Suffolk IP28 6SE (GB).
 - (71, 72) **PATTENDEN, Steven, christopher** [GB/GB]; 182 Carlton Avenue, Westcliff on Sea, Essex, SS0 0QQ (GB).
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 - (72, 75) **STEPHENS, David, Richard, Thomas** [GB/GB]; 30 Castle View Road, Canvey Island, Essex, SS8 9FD (GB).
 - (74) **BLATCHFORD, William, Michael et al.** / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G07C 15/00, A63F 3/06, 3/08, G09F 23/10, B42D 15/10**
 - (11) **WO 03/088159** (13) A1
 - (21) PCT/AU03/00420
 - (22) **9 Apr/avr 2003 (09.04.2003)**
 - (25) en (26) en
 - (30) PS 1661 **10 Apr/avr 2002 AU (10.04.2002)**
 - (43) 23 Oct/oct 2003 (23.10.2003)
 - (54) • A METHOD OF ENCOURAGING REPEAT TICKET PURCHASE AND A TICKET
• PROCEDE PERMETTANT D'ENCOURAGER L'ACHAT REPETE DE BILLETS ET BILLET
 - (71) **SHAW IP PTY LTD** [AU/AU]; Kennerlys, 14 Ventor Avenue, West Perth, Western Australia 6023 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **SHAW, Grant, Langley, Hohepa** [AU/AU]; 23 cachuca Court, Duncraig, W.A. 6023 (AU).
 - (74) **STEAD, Janet, Elizabeth**; Patent & Trade Marks Attorney, 5 Fern Street, Swanbourne, W.A. 6010 (AU).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G07F**
 - (11) **WO 03/088160** (13) A2
 - (21) PCT/DE03/01069
 - (22) **2 Apr/avr 2003 (02.04.2003)**
 - (25) de (26) de
 - (30) 102 16 156.9 **12 Apr/avr 2002 DE (12.04.2002)**
 - (43) 23 Oct/oct 2003 (23.10.2003)
 - (54) • METHOD FOR THE COMPUTER ASSISTED IDENTIFICATION OF ELECTRONIC LABELS
• PROCEDE D'IDENTIFICATION D'ETIQUETTES ELECTRONIQUES ASSISTEE PAR ORDINATEUR
 - (71) **WANZL METALLWARENFABRIK GMBH** [DE/DE]; Postfach 11 29, 89336 Leipzig (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ECKERT, Rainer** [DE/DE]; Werterbachstrasse 14, 73230 Kirchheim/Teck (DE).
 - (81) AU BR CA CN JP KR RU US.
 - (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **G07F 17/00**
 - (11) **WO 03/088161** (13) A1
 - (21) PCT/US03/10481
 - (22) **4 Apr/avr 2003 (04.04.2003)**
 - (25) en (26) en
 - (30) 60/370,928 **4 Apr/avr 2002 US (04.04.2002)**
 - (43) 23 Oct/oct 2003 (23.10.2003)
 - (54) • ONLINE LEAGUE AND TOURNAMENT SYSTEM
• SYSTEME D'EQUIPES ET DE TOURNOIS EN LIGNE
 - (71) **YAHOO! INC.** [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).
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 - (72, 75) **JOKIPPI, Eron** [US/US]; 1063 Morse Avenue, Sunnyvale, CA 94087 (US). **WALKER, Chad, Lee** [US/US]; 707 Continental Circle, # 1639, Mountain View, CA 94040 (US). **PILIP, Michael** [IL/US]; 655 South Fair Oaks Avenue, P310, Sunnyvale CA 94086 (US).
 - (74) **DECARLO, James et al.** / etc.; Stroock & Stroock & Lavan, LLP, 180 Maiden Lane, New York, NY 10038 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G07F 17/32**
 - (11) **WO 03/088162** (13) A1
 - (21) PCT/HU03/00029
 - (22) **15 Apr/avr 2003 (15.04.2003)**
 - (25) hu (26) en
 - (30) P0201221 **15 Apr/avr 2002 HU (15.04.2002)**
 - (43) 23 Oct/oct 2003 (23.10.2003)
 - (54) • GAME MACHINE WITH BONUS GAME DISPLAYING MEANS
• MACHINE DE JEU AVEC DISPOSITIF D'AFFICHAGE DE JEU A BONUS
 - (71, 72) **BUSI, Lajos** [HU/HU]; Dózsa Gy.ú 15., H-6600 Szentes (HU). **NYIST, Gábor**

[HU/HU]; Sip u. 8., H-5600 Békéscaba (HU).

(74) **DANUBIA PATENT & TRADEMARK ATTORNEYS**; Bajcsy-Zsilinszky út 16., H-1051 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G07F 17/32**

(11) **WO 03/088163** (13) A1

(21) PCT/US02/09292

(22) **28 Mar/mar 2002 (28.03.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A GAMING SYSTEM ALLOWING LOCATION DETERMINATION OF A GAMING UNIT IN A CASINO

• SYSTEME DE JEU PERMETTANT LA DETERMINATION DE L'EMPLACEMENT D'UNE UNITE DE JEU DANS UN CASINO

(71) **IGT [US/US]**; 9295 Prototype Drive, Reno, NV 89511 (US).

(72) **WILLIAMS, Richard, C.**; 1195 Westlake Road, Reno, NV 89523 (US).

(74) **HIRSCH, Martin, J.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07F 17/32, G06F 3/033, G06K 11/16**

(11) **WO 03/088164** (13) A1

(21) PCT/US02/09293

(22) **28 Mar/mar 2002 (28.03.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR INTERFACING A USER AND A CASINO GAMING MACHINE

• SYSTEME D'INTERFAÇAGE ENTRE UN UTILISATEUR ET UNE MACHINE DE JEU DE CASINO

(71) **IGT [US/US]**; 9295 Prototype Drive, Reno, NV 89511 (US).

(72) **WELLS, William**; 4450 Ro Encantado, Reno, NV 89502 (US).

(74) **ERTEL, Patrick, D.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07F 19/00**

(11) **WO 03/088165** (13) A1

(21) PCT/IB02/01223

(22) **16 Apr/avr 2002 (16.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PAYMENT TERMINAL DEVICE FOR PAYMENT DATA EXCHANGE

• TERMINAL DE PAIEMENT POUR ECHANGE DE DONNEES DE PAIEMENT

(71) **ULTRA [SI/SI]**; Proizvodnja elektronskih naprav d.o.o., C.O. Zupancica 23a, 1410 Zagorje (SI).

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(72, 75) **PAVLIC, Bogdan [SI/SI]**; Ultra, Proizvodnja elektronskih naprav d.o.o., Cesta Otona Zupancica 23a, 1410 Zagorje (SI). **TERPIN, Matjaz [SI/SI]**; Ultra, Proizvodnja elektronskih naprav d.o.o., Cesta Otona Zupancica 23a, 1410 Zagorje (SI). **POLUTNIK, Aleksander [SI/SI]**; Ultra, Proizvodnja elektronskih naprav d.o.o., Cesta Otona Zupancica 23a, 1410 Zagorje (SI).

(74) **KURIG, Thomas**; Becker, Kurig, Straus, Bavariastrasse 7, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07L**

(11) **WO 03/088166** (13) A2

(21) PCT/US03/10748

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 60/370,867 **8 Apr/avr 2002 (08.04.2002)** US

(30) 60/372,951 **16 Apr/avr 2002 (16.04.2002)** US

(30) 60/373,218 **17 Apr/avr 2002 (17.04.2002)** US

(30) 60/374,861 **23 Apr/avr 2002 (23.04.2002)** US

(30) 60/420,795 **23 Oct/oct 2002 (23.10.2002)** US

(30) 60/421,197 **25 Oct/oct 2002 (25.10.2002)** US

(30) 60/421,756 **28 Oct/oct 2002 (28.10.2002)** US

(30) 60/422,416 **30 Oct/oct 2002 (30.10.2002)** US

(30) 60/427,504 **19 Nov/nov 2002 (19.11.2002)** US

(30) 60/443,407 **29 Jan/jan 2003 (29.01.2003)** US

(30) 60/446,149 **10 Feb/fév 2003 (10.02.2003)** US

(30) 10/395,017 **21 Mar/mar 2003 (21.03.2003)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHYSICAL ACCESS CONTROL

• COMMANDE D'ACCES PHYSIQUE

(71) **CORESTREET, LTD. [US/US]**; 35 Medford Street, Suite 305, Somerville, MA 02143 (US).

(72) **MICALI, Silvio**; 459 Chestnut Hill Avenue, Brookline, MA 02146 (US). **ENGBERG, David**; 38 Dover Street, Cambridge, MA 02140 (US). **LIBIN, Phil**; 57 Clay Street, Cambridge, MA 02140 (US). **REYZIN, Leo**; 2456 Massachusetts Avenue, Apt.7, Cambridge, Massachusetts 02116 (US). **SINELNIKOV, Alex**; 278 Clarendon Street, Apt.7, Boston, Massachusetts 02116 (US).

(74) **MUIRHEAD, Donald, W. et al.** / etc.; Chaote, Hall & StewartP, Exchange Place, 53 State Street, Boston, MA 02109-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G08B**

(11) **WO 03/088167** (13) A2

(21) PCT/US03/11251

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/371,780 **11 Apr/avr 2002 (11.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SMOKE ALARM AND MOUNTING KIT

• DETECTEUR DE FUMÉES ET KIT DE MONTAGE

(71, 72) **MCGREAL, Timothy, R.** [US/US]; 15 Silo Ridge Road W., Orland Park, IL 60467 (US). **MCGREAL, Laura, L.** [US/US]; 15 Silo Ridge Road W., Orland Park, IL 60467 (US). **MCGREAL, Marilyn, L.** [US/US]; 12243 S. 69th Court, Palos Heights, IL 60463 (US).

(74) **CLARK, Jeffrey, L.**; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B

(11) WO 03/088168 (13) A2

(21) PCT/US03/12442

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,016 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE HANDHELD ELECTRONIC ARTICLE SURVEILLANCE AND SCANNER DEVICE

• DISPOSITIF DE BALAYAGE ET DE SURVEILLANCE ELECTRONIQUE D'ARTICLES, PORTABLE ET A TENEUR MANUELLE

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(72) **LEONE, Steven, V.**; 6665 Blue Bay Circle, Lake Worth, FL 33467 (US). **CANIPE, Larry**; 3342 NW 28th Terrace, Boca Raton, FL 33434 (US). **RELIHAN, Timothy, J.**; 6860 Town Harbour Blvd., Apt. 3212, Boca Raton, FL 33433 (US). **LABIT, Rich**; 1948 Polo Lakes Drive East, Wellington, FL 33414 (US). **EASTER, Ron**; 6888 NW 70th Place, Parkland, FL 33067 (US). **VARELA, Armando**; c/o Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(74) **KASHIMBA, Paul, T.**; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B

(11) WO 03/088169 (13) A2

(21) PCT/US03/12443

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,016 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR OPTIMIZING RANGE OF AN ELECTRONIC ARTICLE SURVEILLANCE SYSTEM

• SYSTEME ET PROCÉDE PERMETTANT D'OPTIMISER LA PLAGE DE FONCTIONNEMENT D'UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(72) **CANIPE, Larry**; 3342 NW 28th Terrace, Boca Raton, FL 33434 (US). **LEONE, Steven, V.**; 6665 Blue Bay Circle, Lake Worth, FL 33467 (US). **HABERSTICH, Dan**; 401 NW 16th Street, Boca Raton, FL 33243 (US).

(74) **KASHIMBA, Paul, T.**; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 1/08

(11) WO 03/088170 (13) A2

(21) PCT/FR03/00993

(22) 31 Mar/mar 2003 (31.03.2003)

(25) fr (26) fr

(30) 02/04701 16 Apr/avr 2002 FR (16.04.2002)

(30) 02/12393 7 Oct/oct 2002 FR (07.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND EQUIPMENT FOR THE CONSENSUAL SETTING UP OF A COMMUNICATION LINK

• PROCÉDE, ET EQUIPEMENT, D'ETABLISSEMENT CONSENSUEL D'UNE LIAISON DE COMMUNICATION

(71, 72) **DOUARRE, Guillaume** [FR/FR]; 67 rue de Buzenval, F-75020 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 5/00

(11) WO 03/088171 (13) A1

(21) PCT/IB02/01266

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL LIGHTING SYSTEM

• SYSTEME D'ECLAIRAGE A PILES A COMBUSTIBLE

(71, 72) **GÄHWILER, Benno** [CH/CH]; Mittlere Mühlestrasse 14, CH-8598 Bottighofen (CH). **BALMER, Gertrud** [CH/CH]; Mittlere Mühlestrasse 14, CH-8598 Bottighofen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 6/00

(11) WO 03/088172 (13) A1

(21) PCT/AU03/00407

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) PS 1577 5 Apr/avr 2002 AU (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR PROVIDING TACTILE STIMULATION IN RESPONSE TO A PREDETERMINED ALARM CONDITION

• SYSTEME PRODUISANT UNE STIMULATION TACTILE

(71, 72) **KING, Quentin** [AU/AU]; 10 Wallaroy Street, Concord West, NSW 2138 (AU).

(74) **HODGKINSON, Old, Mcinnes**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G08B 13/14, E05B 65/00

(11) WO 03/088173 (13) A1

(21) PCT/US03/10895

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,063 8 Apr/avr 2002 US
(08.04.2002)

(30) Not furnished / 8 Apr/avr 2003 US
non communiqué (08.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARTICLE SURVEILLANCE TAG HAV-
ING A METAL CLIP

• ETIQUETTE DE SYSTEME ELECTRO-
NIQUE DE SURVEILLANCE D'AR-
TICLES PRESENTANT UNE PINCE
METALLIQUE

(71, 72) SAYEGH, Adel, Odeh [US/US]; 5143
Paddock Place, Rancho Cucamonga, CA
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(74) KESHISHIAN, Milord, A.; Milord & Asso-
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Angeles, CA 90024 (US).

(81) AU CA CN IN JP MX.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PT RO SE SI
SK TR).

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(51)⁷ G08B 15/00, 25/08

(11) WO 03/088174 (13) A1

(21) PCT/JP03/01909

(22) 21 Feb/fév 2003 (21.02.2003)

(25) ja (26) ja

(30) 2002-111681 15 Apr/avr 2002 JP
(15.04.2002)

(30) 2002-111682 15 Apr/avr 2002 JP
(15.04.2002)

(30) 2002-211324 19 Jul/juil 2002 JP
(19.07.2002)

(30) 2002-268524 13 Sep/sep 2002 JP
(13.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MONITOR SYSTEM
• SYSTEME DE SURVEILLANCE

(71) MATSUSHITA ELECTRIC INDUS-
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(72, 75) OGINO, Hiroyuki [JP/JP]; 2-35, Ama-
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akashi-cho, Akashi-shi, Hyogo 673-0011
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2-4-8, Aioidori, Abeno-ku, Osaka-shi, Os-
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[JP/JP]; 3-21-15, Mikunihonmachi, Yo-
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EGUCHI, Osamu [JP/JP]; 2-5-6, Kumi-
gaoka, Kawai-cho, Kitakatsuragi-gun, Nara
636-0063 (JP). IMAI, Makoto [JP/JP];
Parukoto 202, 2-26, Nishioka-cho, Yam-
atokoriyama-shi, Nara 639-1014 (JP).
UCHIYAMA, Wataru [JP/JP]; 1-12-1,
Hotarugaikichigashimachi, Toyonaka-shi,
Osaka 560-0032 (JP). HASHIMOTO,
Kazuhiko [JP/JP]; 1-8-2-905, Keihanhon-
dori, Moriguchi-shi, Osaka 570-0083 (JP).
MIKI, Tadashi [JP/JP]; 1-1-5-406, Imaichi,
Asahi-ku, Osaka-shi, Osaka 535-0011 (JP).
TERAI, Haruo [JP/JP]; 1-7-21, Jonan,
Ikeda-shi, Osaka 563-0025 (JP). KIDA,
Kenji [JP/JP]; 1-4-8-501, Yuuhigaoka, Toy-
onaka-shi, Osaka 561-0864 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka
540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 23/00

(11) WO 03/088175 (13) A1

(21) PCT/US03/10913

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,619 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECURITY CONTROL AND COMMU-
NICATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE COMMU-
NICATION ET DE CONTROLE DE SE-
CURITE

(71) HONEYWELL INTERNATIONAL, INC.
[US/US]; 101 Columbia Road, Morristown,
NJ 07982 (US).

(72) WINICK, Steven, J.; 375 Yale Avenue,
Woodmere, NY 11598 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Mur-
phy & Presser, 400 Garden City Plaza, Gar-
den City, NY 11350 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G08C 21/00, G09G 3/02

(11) WO 03/088176 (13) A1

(21) PCT/US03/11015

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,009 11 Apr/avr 2002 US
(11.04.2002)

(30) 10/338,765 7 Jan/jan 2003 US
(07.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CLOSED-LOOP SENSOR ON A SOLID-
STATE OBJECT POSITION DETECTOR

• CAPTEUR EN BOUCLE FERMEE SUR
UN DETECTEUR DE POSITION D'OB-
JETS SOLIDES

(71) SYNAPTICS, INC. [US/US]; 2381 Bering
Drive, San Jose, CA 95131 (US).

(72) TRENT, Raymond, A., Jr.; 1177 Hanchett
Avenue, San Jose, CA 95126 (US). SHAW,
Scott, J.; 4221 San Juan Avenue, Fremont,
CA 94536 (US). GILLESPIE, David, W.;
16100 Soda Springs Road, Los Gatos, CA
95033 (US). HEINY, Christopher; 2381
Bering Drive, San Jose, CA 95131 (US).
HUIE, Mark, A.; 801 Walnut Street #9, San
Carlos, CA 94070 (US).

(74) COPPES-GATHY, Nicole, E.; Sierra Patent
Group, Ltd., P.O. Box 6149, Stateline, NV
89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G08G

(11) WO 03/088177 (13) A2

(21) PCT/NL03/00288

(22) 15 Apr/avr 2003 (15.04.2003)

(25) nl (26) en

(30) 1020386 15 Apr/avr 2002 NL
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR
RECORDING A TRAFFIC VIOLA-
TION COMMITTED BY A VEHICLE

- PROCEDE ET SYSTEME D'ENREGISTREMENT D'UNE INFRACTION AU CODE DE LA ROUTE COMMISE PAR UN VEHICULE
- (71) GATSOMETER B.V. [NL/NL]; Claes Tillyweg 2, NL-2031 CW Haarlem (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANSSEN, Theodorus, Maria [NL/NL]; Floris Balthasarstraat 13, NL-2064 XK Spaarndam (NL).
- (74) BARTELD, Erik; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/017, G09F 3/00

(11) WO 03/088178 (13) A1

(21) PCT/EA02/00012

(22) 24 Dec/déc 2002 (24.12.2002)

(25) ru (26) ru

(30) 200200459 16 Apr/avr 2002 EA (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR IDENTIFYING MOVABLE OBJECTS AND SYSTEM FOR CARRYING OUT SAID METHOD
- PROCEDE D'IDENTIFICATION DES OBJETS EN MOUVEMENT ET SYSTEME DE MISE EN OEUVRE CORRESPONDANT

(71) EZHOV, Vladimir Alexandrovich [RU/RU]; ul. Nizhegorodskaya, 5-111, Moscow, 109147 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUZMIN, Jury Andrianovich [RU/RU]; ul. Prostornaya, 11-233, Moscow, 107392 (RU).

(81) AU CA CH CN DE GB JP SE UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G08G 1/07, 1/054

(11) WO 03/088179 (13) A1

(21) PCT/NL03/00287

(22) 15 Apr/avr 2003 (15.04.2003)

(25) nl (26) en

(30) 1020387 15 Apr/avr 2002 NL (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR REMOTE SYNCHRONISATION OF A TRAFFIC MONITORING SYSTEM

- PROCEDE DE SYNCHRONISATION A DISTANCE D'UN SYSTEME DE SURVEILLANCE DE TRAFIC

(71) GATSOMETER B.V. [NL/NL]; Claes Tillyweg 2, NL-2031 CW Haarlem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANSSEN, Theodorus, Maria [NL/NL]; Floris Balthasarstraat 13, NL-2064 XK Spaarndam (NL).

(74) BARTELD, Erik; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/07, 1/095, 1/096

(11) WO 03/088180 (13) A1

(21) PCT/US03/11109

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/117,880 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • TRAFFIC SIGNAL ELECTRIC LAMP ASSEMBLY
- ENSEMBLE LAMPE ELECTRIQUE DE FEU DE SIGNALISATION

(71, 72) MADANAT, Azmie, K. [US/US]; 747 Crossbrook Drive, Moraga, CA 94556 (US).

(74) SHAHANI, Ray, K.; Twins Oaks Office Plaza, 477 Ninth Avenue, Suite 112, San Mateo, CA 94402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ G08G 5/04

(11) WO 03/088181 (13) A1

(21) PCT/DE03/01244

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de

(26) de

(30) 102 17 222.6 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SAFETY SYSTEM FOR AIRCRAFT
- SYSTEME DE SECURITE DESTINE A DES AERONEFS

(71) DIEHL AVIONIK SYSTEME GMBH [DE/DE]; An der Sandelmühle 13, 60439 Frankfurt a.M. (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIEBAHN, Harro, Von [DE/DE]; Heimweg 4, 64392 Modautal (DE).
SCHIEFELE, Jens [DE/DE]; Auf der Ahl 103, 65207 Wiesbaden (DE).

(74) GORNOTT, Dietmar; Zilleweg 29, 64291 Darmstadt (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G09B

(11) WO 03/088182 (13) A2

(21) PCT/GB03/01518

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0208426.7 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • EDUCATIONAL APPARATUS
- DISPOSITIF DIDACTIQUE

(71, 72) SALWAY, John, Graham [GB/GB]; Sandy, Woodside Road, Chiddingfold, Surrey GU8 4QR (GB).

(74) MAY, Julie; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09B 1/00, 17/00, 19/00, 19/06, 19/08

(11) WO 03/088183 (13) A1

(21) PCT/NZ03/00058

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 518333 12 Apr/avr 2002 NZ (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD OF TEACHING
- METHODE D'ENSEIGNEMENT

(71) **WOODROFFE, Colin, John** [NZ/NZ]; 33 Richard Farrell Avenue, Remuera, Auckland 1005 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **WAI YUK-CHUN, Veronica** [GB/CN]; 111 Mount Butler Road, Block K, 1st Floor, Hong Kong (CN).

(74) **PIPER, James, William** et al. / etc.; Pipers, Level 1, 29 Waterloo Road, PO Box 30 495, Lower Hutt (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09B 5/06**

(11) **WO 03/088184** (13) A2

(21) PCT/NZ03/00061

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 518268 **10 Apr/avr 2002** NZ
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PRESENTATION ASSEMBLY AND METHOD
• PROCEDE ET ENSEMBLE DE PRESENTATION

(71, 72) **YATES, Christopher, Donald** [NZ/NZ]; 3 Chedworth Avenue, Hamilton 2001 (NZ).

(74) **WILSON, Kathryn, S** et al. / etc.; KPMG Centre, Level 12, 85 Alexandra Street, Private Bag 3140, 3140 Hamilton 2001 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09B 9/02, 9/04, 9/12**

(11) **WO 03/088185** (13) A1

(21) PCT/EP03/02600

(22) **13 Mar/mar 2003 (13.03.2003)**

(25) de (26) de

(30) 102 16 690.0 **16 Apr/avr 2002** DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR REPRESENTING A LONGITUDINAL ACCELERATION ACTING UPON A DRIVER IN A DRIVING SIMULATION

• PROCEDE DE REPRESENTATION D'UNE ACCELERATION LONGITUDINALE INFLUANT SUR UN CONDUCTEUR LORS D'UNE SIMULATION DE CONDUITE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÖTZ, Jochen** [DE/DE]; Teckstrasse 4/1, 71131 Jettingen (DE).

(74) **NÄRGER, Ulrike** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G09B 9/32, A63F 13/08, G09B 9/30**

(11) **WO 03/088186** (13) A1

(21) PCT/US03/04920

(22) **13 Feb/fév 2003 (13.02.2003)**

(25) en (26) en

(30) 10/122,281 **11 Apr/avr 2002** US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VISUAL DISPLAY SYSTEM AND METHOD FOR DISPLAYING FAR-FOCUSED IMAGES IN A SIMULATOR UTILIZING A HOLOGRAPHIC COLLIMATOR

• SYSTEME D'AFFICHAGE VISUEL ET PROCEDE POUR L'AFFICHAGE D'IMAGES A FOYER ELOIGNE DANS UN SIMULATEUR UTILISANT UN COLLIMATEUR HOLOGRAPHIQUE

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) **VORST, Carl, J.**; 11146 Morrow Drive, St. Ann, MO 63074 (US).

(74) **GALBRAITH, Ann, K.**; The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G09B 19/00**

(11) **WO 03/088187** (13) A1

(21) PCT/US03/10891

(22) **10 Apr/avr 2003 (10.04.2003)**

(25) en (26) en

(30) 60/371,163 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR QUALIFYING AND/OR TRAINING A PRIVATE CUSTOMER FOR SPACE FLIGHT

• PROCEDE PERMETTANT DE QUALIFIER ET/OU DE FORMER UN CLIENT PRIVE POUR LE VOL SPATIAL

(71) **SPACE ADVENTURES, LTD.** [US/US]; 4350 N. Fairfax Drive, Suite 840, Arlington, VA 22203 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSON, Eric** [US/US]; 4718 N. 24th Street, Arlington, VA 22207 (US). **PEARLMAN, Robert** [US/US]; 1024 N. Utah Street, Apt. 920, Arlington, VA 22201 (US). **LYON, Michael** [US/US]; 3326 Prince Charles Court, Falls Church, VA 22044 (US).

(74) **GOLLIN, Michael, A.** et al. / etc.; VENABLE, BAETJER, HOWARD AND CIVILETTI, LLP, P.O. Box 34385, 1201 New Avenue, NW, Suite 1000, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G09B 21/00**

(11) **WO 03/088188** (13) A2

(21) PCT/IE03/00057

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) en (26) en

(30) 60/372,819 **17 Apr/avr 2002** US
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESSIBILITY OF COMPUTER BASED TRAINING SYSTEMS FOR THE VISUALLY IMPAIRED

• ACCESSIBILITE DE SYSTEMES DE FORMATION INFORMATISES AUX PERSONNES MALVOYANTES

(71) **CBT (TECHNOLOGY) LIMITED** [IE/IE]; Stephen Court, St. Stephens Green, Dublin 2 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MADIGAN, Andrew** [IE/IE]; 18 Sefton Green, Rochestown Avenue, Dun Laoghaire, County Dublin (IE). **GUCKIAN, Kieran** [IE/IE]; 175 Captains Road, Crumlin, Dublin 12 (IE).

(74) **O'BRIEN, John, A.** et al. / etc.; John A. O'Brien & Associates, Third Floor, Duncairn

- House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G09B 29/00**
- (11) **WO 03/088189** (13) A1
- (21) PCT/JP03/04022
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) ja (26) ja
- (30) 2002-096893 **29 Mar/mar 2002 JP (29.03.2002)**
- (30) 2002-288149 **30 Sep/sep 2002 JP (30.09.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MAP MATCHING METHOD, MAP MATCHING DEVICE, DATABASE FOR SHAPE MATCHING, AND SHAPE MATCHING DEVICE
- PROCEDE DE MISE EN CORRESPONDANCE DE CARTES, DISPOSITIF DE MISE EN CORRESPONDANCE DE CARTES, BASE DE DONNEES POUR LA MISE EN CORRESPONDANCE DE FORMES, ET DISPOSITIF DE MISE EN CORRESPONDANCE DE FORMES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADACHI, Shinya** [JP/JP]; 5-21-12, Nara, Aoba-ku, Yokohama-shi, Kanagawa 227-0038 (JP). **SATO, Makoto** [JP/JP]; 1-9-12-301, Fuchinobe, Sagami-hara-shi, Kanagawa 229-0006 (JP).
- (74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G09F 3/00, A44C 5/00, 5/18 // A44B 11/00**
- (11) **WO 03/088190** (13) A1
- (21) PCT/SE03/00555
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) sv (26) en
- (30) 0201038-7 **5 Apr/avr 2002 SE (05.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • AN INFORMATION BAND
- BANDE D'INFORMATIONS
- (71, 72) **STORY, Nina** [SE/SE]; Bordsvägen 13, S-122 46 Enskede (SE).
- (74) **BJELKSTAM, Peter**; Bergensträhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ **G09F 3/14, 3/03**
- (11) **WO 03/088191** (13) A1
- (21) PCT/GB03/01529
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) en (26) en
- (30) 0208288.1 **10 Apr/avr 2002 GB (10.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ATTACHMENT COMPRISING A FLEXIBLE CORD
- ATTACHE COMPORTANT UN CORDON SOUPLE
- (71) **LYON, Arthur, Christopher** [GB/GB]; The Old Stables, Grove Hill Road, Harrow, Middlesex HA1 3AA (GB). **LYON, Anne, Carolyn** [GB/GB]; The Old Stables, Grove Hill Road, Harrow, Middlesex HA1 3AA (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LYON, Roy** [GB/GB]; The Old Stables, Grove Hill Road, Harrow, Middlesex HA1 3AA (GB).
- (74) **COCHLIN, Rachel, L. et al.** / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G09F 7/18**
- (11) **WO 03/088192** (13) A1
- (21) PCT/US03/10714
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 60/370,414 **4 Apr/avr 2002 US (04.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CEILING SYSTEM WITH VERTICAL SPACE DIVISION
- SYSTEME DE PLAFOND A DIVISION SPATIALE VERTICALE
- (71) **HERMAN MILLER, INC.** [US/US]; MS 0442, 855 East Main Avenue, P.O. Box 302, Zeeland, MI 49464-0302 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **INSALACO, Robert, W.** [US/US]; 415 Goldcrest Drive, Holland, MI 49424 (US).
- (74) **LOCKHART, Thomas, L.**; Varnum, Ridding, Schmidt & Howlett LLP, Bridgewater Place, P.O. Box 352, Grand Rapids, MI 49501-0352 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G09F 9/30, G02F 1/1368, H01L 29/786**
- (11) **WO 03/088193** (13) A1
- (21) PCT/JP03/04727
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) ja (26) ja
- (30) 2002-113903 **16 Apr/avr 2002 JP (16.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SUBSTRATE, LIQUID CRYSTAL DISPLAY HAVING THE SUBSTRATE, AND METHOD FOR PRODUCING SUBSTRATE
- SUBSTRAT, AFFICHAGE A CRISTAUX LIQUIDES COMPRENANT CE SUBSTRAT ET PROCEDE DE PRODUCTION DU SUBSTRAT
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaikicho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOKURA, Masafumi** [JP/JP]; 304 kuresentobirakashiba, 2112, kawarakuchi, Kashiba-shi, Nara 639-0225 (JP). **KATAOKA, Yoshiharu** [JP/JP]; 13-1, Yamadanishi 3-chome, Osaka-shi, Osaka 565-0824 (JP).

(74) **YAMAMOTO, Shusaku** et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiro-romi, 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) CN JP KR US.

(51)⁷ **G09F 13/04**

(11) **WO 03/088194** (13) A1

(21) PCT/AU02/00769

(22) **11 Jun/juin 2002 (11.06.2002)**

(25) en (26) en

(30) PS 1681 **9 Apr/avr 2002 (09.04.2002)** AU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ILLUMINATED DISPLAY DEVICE**

• **DISPOSITIF D’AFFICHAGE ECLAIRE**

(71) **POS CONCEPTS PTY LIMITED** [AU/AU]; 55 Victoria Street, McMahon Point, New South Wales 2060 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FLETCHER, Todd** [AU/AU]; 55 Victoria Street, McMahon Point, New South Wales 2060 (AU).

(74) **MAXWELL, Peter, Francis**; Peter Maxwell & Associates, Level 6, 60 Pitt Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09F 13/04, F21V 7/10, 13/10, H01L 33/00**

(11) **WO 03/088195** (13) A1

(21) PCT/JP03/04895

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) ja (26) ja

(30) 2002-114801 **17 Apr/avr 2002 (17.04.2002)** JP

(30) 2003-112423 **17 Apr/avr 2003 (17.04.2003)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **SURFACE LIGHT EMITTING DEVICE**

• **DISPOSITIF ELECTROLUMINESCENT DE SURFACE**

(71) **KABUSHIKI KAISHA BOX** [JP/JP]; 18-18, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAMAUCHI, Toshio** [JP/JP]; 2-404, Minamifujisawa 7-chome, Fujisawa-shi, Kanagawa 251-0055 (JP).

(74) **KOMATSU, Kiyomitsu**; Rose Bay Ikebukuro Bldg. 8F C, 39-8, Nishi Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0021 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G09F 15/00, 7/18**

(11) **WO 03/088196** (13) A1

(21) PCT/US02/10910

(22) **8 Apr/avr 2002 (08.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **PANEL HANGING SYSTEM**

• **SYSTEME D’ACCROCHAGE DE PANNEAUX**

(71, 72) **SPURR, Robert, A.** [US/US]; Northeast 139th Street, Kirkland, WA, 98034 (US).

(74) **RENNER, Karl, W.**; Fish & Richardson P.C., 1425 K Street, N.W., 11th floor, Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09F 21/10, 19/18**

(11) **WO 03/088197** (13) A1

(21) PCT/HU02/00168

(22) **27 Dec/déc 2002 (27.12.2002)**

(25) en (26) en

(30) U0200107 **12 Apr/avr 2002 (12.04.2002)** HU

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **AERIAL ADVERTISING DEVICE**

• **DISPOSITIF PUBLICITAIRE AERIEN**

(71, 72) **HALMI, Gergő** [HU/HU]; Iskola u.6., H-3070 Bátorfőnyenyé (HU).

(74) **RÓNASZÉKI, Tibor**; Victor Hugo u. 6-8, H-1132 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09G 3/20, 3/36, 3/34**

(11) **WO 03/088198** (13) A2

(21) PCT/IB03/01019

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 02252716.2 **17 Apr/avr 2002 (17.04.2002)** EP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ACTIVE MATRIX DISPLAY**

• **AFFICHAGE A MATRICE ACTIVE**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOHNSON, Mark, T.** [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SEMPEL, Adrianus** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HUNTER, Iain, M.** [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CHILDS, Mark, J.** [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **AARTS, Ronaldus, M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **RAAP, Adriaan, Y.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09G 3/32**

(11) **WO 03/088199** (13) A1

(21) PCT/IB03/01338

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) en (26) en

(30) 0208656.9 **16 Apr/avr 2002 (16.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **ACTIVE MATRIX ELECTROLUMINESCENT DISPLAY**

• **AFFICHEUR ELECTROLUMINESCENT A MATRICE ACTIVE**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LIFKA, Herbert** [AT/NL]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **CHILDS, Mark, J.** [GB/GB]; c/o Philips

Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
JOHNSON, Mark, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WILLIAMSON, Paul, L.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36, G02B 27/01

(11) WO 03/088200 (13) A1

(21) PCT/DE03/01285

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 16 821.0 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CRYSTAL COLOUR DISPLAY SUITABLE FOR NIGHT-SIGHT GLASSES

• ECRAN COULEUR A CRISTAUX LIQUIDES ADAPTE AUX JUMELLES DE VISION NOCTURNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAMMES, Klaus** [DE/DE]; Im Rosengarten 4, 67595 Bechtheim (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G09G 3/36, G02F 1/133

(11) WO 03/088201 (13) A1

(21) PCT/JP03/04610

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110395 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LIQUID CRYSTAL DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **NEC LCD TECHNOLOGIES, LTD.** [JP/JP]; 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8666 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANO, Takakazu** [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **TAKAHASHI, Kazutoshi** [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **MIYABE, Kosei** [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **SEKIGUCHI, Kanetaka** [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **WATANABE, Takahiko** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **ISHIYAMA, Toshiaki** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **IKEDA, Shinya** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) **SAKAI, Akinori**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(51)⁷ G09G 5/00

(11) WO 03/088202 (13) A1

(21) PCT/US03/09412

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 60/370,278 6 Apr/avr 2002 US (06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYMBOL ENCODING APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE CODAGE DE SYMBOLES

(71, 72) **RAJKOWSKI, Janusz, W.** [US/US]; 1012 Spruce Street, Collingdale, PA 19023 (US).

(74) **YARBROUGH, Robert, J.**; 201 North Jackson Street, Media, PA 19063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ G09G 5/02

(11) WO 03/088203 (13) A1

(21) PCT/IL03/00307

(22) 13 Apr/avr 2003 (13.04.2003)

(25) en (26) en

(30) 60/371,419 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COLOR DISPLAY DEVICES AND METHODS WITH ENHANCED ATTRIBUTES

• DISPOSITIFS ET PROCEDES D'AFFICHAGE COULEUR PRESENTANT DE MEILLEURS ATTRIBUTS

(71) **GENOA COLOR TECHNOLOGIES LTD.** [GB/GB]; Trident Chambers, P.O. Box 146, Road Town, Tortola (VG).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK MN MW MX MZ NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71, 72) **ROTH, Shmuel** [IL/IL]; 7 Zelig Bas Street, 49550 Petach Tikva (IL). **BEN-DAVID, Ilan** [IL/IL]; 55 Hapa'amon Street, 48611 Rosh Ha'ayin (IL). **BEN-CHORIN, Moshe** [IL/IL]; 34 Ya'kov Street, 76262 Rehovot (IL). **ELIAV, Dan** [IL/IL]; 9 Odem Street, 30900 Zichron Yaakov (IL).

(only for / seulement pour DE JP US)

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK** et al. / etc.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09G 5/08

(11) WO 03/088204 (13) A1

(21) PCT/US03/11614

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,216 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-AXIS JOYSTICK AND TRANSDUCER MEANS THEREFORE

• MANETTE A AXES MULTIPLES ET MOYEN TRANSDUCTEUR ASSOCIE

(63) US 60/372,216 (CIP)
12 Apr/avr 2002 (12.04.2002)

(71, 72) OBERMEYER, Henry, K. [US/US]; 303 West County Road 74, Wellington, CO 80549 (US). OBERMEYER, Fritz, H. [US/US]; 303 West County Road 74, Wellington, CO 80549 (US). OBERMEYER, Leslie, R. [US/US]; 303 West County Road 74, Wellington, CO 80549 (US).

(74) WIEDMANN, Alfred, K.; Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G10K 9/22, B60R 11/02 // G10K 9/122, 11/178, B06B 1/06

(11) WO 03/088205 (13) A2

(21) PCT/SE03/00597

(22) 14 Apr/avr 2003 (14.04.2003)

(25) sv (26) en

(30) 0201179-9 18 Apr/avr 2002 SE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A DEVICE FOR ACTUATING A MEMBRANE AND A VEHICLE COMPRISING A DEVICE FOR ACTUATING A MEMBRANE

• DISPOSITIF D'ACTIONNEMENT D'UNE MEMBRANE

(71) A2 ACOUSTICS AB [SE/SE]; Teknikringen 1D, S-583 30 Linköping (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUSTAVSSON, Mats [SE/SE]; Grännagatan 10, S-252 50 Helsingborg (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10K 11/00

(11) WO 03/088206 (13) A2

(21) PCT/US03/03158

(22) 3 Feb/fév 2003 (03.02.2003)

(25) en (26) en

(30) 60/370,273 5 Apr/avr 2002 US (05.04.2002)

(30) 10/180,691 26 Jun/juin 2002 US (26.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERNAL LENS SYSTEM FOR LOUDSPEAKER WAVEGUIDES

• SYSTEME DE LENTILLE INTERNE DESTINE A DES GUIDES D'ONDES DE HAUT-PARLEUR

(71) HARMAN INTERNATIONAL INDUSTRIES, INC. [US/US]; 8500 Balboa Boulevard, Northridge, CA 91329 (US).

(72) BRAWLEY, James, Jr., S.; 115 Brookwood Drive, Clemson, SC 29631 (US).

(74) SIGALE, Jordan, A. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080,

Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10K 11/178

(11) WO 03/088207 (13) A1

(21) PCT/GB03/01565

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0208421.8 12 Apr/avr 2002 GB (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACTIVE NOISE CONTROL SYSTEM IN UNRESTRICTED SPACE

• SYSTEME ACTIF DE REGULATION DE BRUIT DANS UN ESPACE NON RESTREINT

(71, 72) WRIGHT, Selwyn, Edgar [GB/GB]; 22 Moor Lane, Highburton, Huddersfield, West Yorkshire HD8 0QS (GB).

(72, 75) VUKSANOVIC, Branislav [YU/GB]; 54 Gleadsmoss Lane, Oakwood, Derby DE21 2BP (GB). ATMOKO, Hidajat [ID/GB]; 25 Bow Street, Huddersfield, West Yorkshire HD1 4BJ (GB).

(74) SLINGSBY, Philip, Roy et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 13/00, 13/06, 13/06

(11) WO 03/088208 (13) A1

(21) PCT/JP03/04231

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 2002-100467 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TEXT STRUCTURE FOR VOICE SYNTHESIS, VOICE SYNTHESIS

METHOD, VOICE SYNTHESIS APPARATUS, AND COMPUTER PROGRAM THEREOF

- STRUCTURE TEXTUELLE POUR SYNTHESE VOCALE, PROCEDE DE SYNTHESE VOCALE, APPAREIL DE SYNTHESE VOCALE, ET PROGRAMME INFORMATIQUE ASSOCIE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

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(72, 75) MUTSUNO, Masahiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). FUKADA, Toshiaki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 102-0094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10L 15/00, 15/06, 15/28, G01C 21/00, G08G 1/0969

(11) WO 03/088209 (13) A1

(21) PCT/JP02/03680

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CAR NAVIGATION SYSTEM AND SPEECH RECOGNIZING DEVICE THEREOF

- SYSTEME DE NAVIGATION DE VOITURE ET DISPOSITIF DE RECONNAISSANCE VOCALE DE CE SYSTEME

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARUTA, Yuzo [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIYATA, Kaneo et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G10L 15/22

(11) WO 03/088210 (13) A1

(21) PCT/IB03/01281

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 102 16 117.8 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR SPEECH RECOGNITION OF SYMBOL SEQUENCES

- PROCEDE ET SYSTEME POUR LA RECONNAISSANCE VOCALE DE SEQUENCES DE SYMBOLES

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, D-20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) BREUER, Richard [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, D-52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, D-52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 15/22, 15/18, 15/26

(11) WO 03/088211 (13) A1

(21) PCT/US03/09212

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/115,936 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DYNAMIC AND ADAPTIVE SELECTION OF VOCABULARY AND ACOUSTIC MODELS BASED ON A CALL CONTEXT FOR SPEECH RECOGNITION

- SELECTION DYNAMIQUE ET ADAPTATIVE DE VOCABULAIRE ET DE MODELES ACOUSTIQUES SUR LA BASE D'UN CONTEXTE D'APPEL

POUR LA RECONNAISSANCE DE LA PAROLE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) MAZZA, Samuel; 1530 Pallisade Avenue #5N, Fort Lee, NJ 07024 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 19/02

(11) WO 03/088212 (13) A1

(21) PCT/EP02/13623

(22) 2 Dec/déc 2002 (02.12.2002)

(25) de (26) de

(30) 102 17 297.8 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEVICE AND METHOD FOR ENCODING A TIME-DISCRETE AUDIO SIGNAL AND DEVICE AND METHOD FOR DECODING CODED AUDIO DATA

- DISPOSITIF ET PROCEDE POUR CODER UN SIGNAL AUDIO A TEMPS DISCRET ET DISPOSITIF ET PROCEDE POUR DECODER DES DONNEES AUDIO CODEES

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEIGER, Ralf [DE/DE]; Weide 7, 98704 Wümbach (DE). SPORER, Thomas [DE/DE]; Wilhelmshavenerstrasse 15, 90766 Fürth (DE). BRANDENBURG, Karlheinz [DE/DE]; Haagstrasse 32, 91054 Erlangen (DE). HERRE, Jürgen [DE/DE]; Hallerstrasse 24, 91054 Erlangen (DE). KOLLER, Jürgen [DE/DE]; Weide 7, 98704 Wümbach (DE). DEGUARA, Joachim [DE/DE]; Schleusinger Str. 11, 98693 Ilmenau (DE).

(74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, P.O. Box 246, 82043 Pullach b. München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 21/00, 21/06

(11) WO 03/088213 (13) A1

(21) PCT/US03/10712

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/369,841 3 Apr/avr 2002 US
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR CON-
DUCTING TRANSACTIONS WITH-
OUT HUMAN INTERVENTION USING
SPEECH RECOGNITION TECHNOLO-
GY

- SYSTEME ET PROCEDE PERMET-
TANT D'EFFECTUER DES TRAN-
SACTIONS SANS INTERVENTION
HUMAINE AU MOYEN DE LA TECH-
NIQUE DE RECONNAISSANCE VO-
CALE

(71) JACENT TECHNOLOGIES, INC.
[US/US]; 3945 Freedom Circle, Suite 560,
Santa Clara, CA 95054 (US).

(72) STOUT, Trevor; c/o Jacent Technologies,
Inc., 3945 Freedom Circle, Suite 560, Santa
Clara, CA 95054 (US). WALLIN, Mark; c/o
Jacent Technologies, Inc., 3945 Freedom Cir-
cle, Suite 560, Santa Clara, CA 95054 (US).
SERITAN, Marius; c/o Jacent Technologies,
Inc., 3945 Freedom Circle, Suite 560, Santa
Clara, CA 95054 (US).

(74) CAREY, John et al. / etc.; Suite 200, 2225 E.
Bayshore Road, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G11B

(11) WO 03/088214 (13) A2

(21) PCT/US03/06248

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) 10/118,134 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CD INCLUDING BOTH DATA IN RED-
BOOK FORMAT AND CODE IN YEL-
LOWBOOK FORMAT TO AUTOMAT-
ICALLY CONVERT AND PLAY THAT
DATA

- CD COMPRENANT DES DONNEES EN
FORMAT REDBOOK ET UN CODE DE
NORME ISO 9660 POUR LA CONVER-
SION ET LA LECTURE AUTOMA-
TIQUES DE CES DONNEES

(71) DIGITAL STREAM USA, INC. [US/US];
44061 Nobel Drive, Fremont, CA 94538
(US).

(72) YU, Raymond; 48918 Crown Ridge Com-
mon, Fremont, CA 94539 (US). CAI, Wen-
feng; 6208 Marguerite Drive, Newark, CA
94560 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff,
Taylor & Zafman LLP, 12400 Wilshire Boule-
vard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 5/48, 21/21

(11) WO 03/088215 (13) A1

(21) PCT/CN02/00247

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR
MAINTAINING ALIGNMENT OF A
HARD DISK MICRO-ACTUATOR AND
MAGNETIC HEAD WITH RESPECT
TO A DRIVE ARM'S SUSPENSION
DURING THE CURING PROCESS OF
A BONDING AGENT USED IN THEIR
COUPLING

- PROCEDE ET APPAREIL POUR MAIN-
TENIR L'ALIGNEMENT D'UN MI-
CRO-ACTIONNEUR DE DISQUE DUR
ET D'UNE TETE MAGNETIQUE PAR
RAPPORT A UNE SUSPENSION DE
BRAS D'ENTRAINEMENT PENDANT
LE DURCISSEMENT D'UN AGENT
DE LIAISON UTILISE POUR LEUR
RACCORDEMENT

(71) SAE MAGNETICS (H. K.) LTD. [CN/CN];
SAE Tower, 38-42 Kwai Fung Crescent, Kwai
Chung N. T., Hong Kong (CN).

(72) YAO, Minggao; Winnerway Industrial Area,
Nancheng, Dongguan, Guangdong 511700
(CN). XIE, Yiru; Winnerway Industrial Area,
Nancheng, Dongguan, Guangdong 511700
(CN). SHIRAIISHI, Masashi; Suite A602,
New World Apartments, 24 Salisbury Road,
Tsimshatsui, Kowloon, Hong Kong (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.;
22/F, Great Eagle Centre, 23 Harbour Road,
Wanchai, Hong Kong (CN).

(81) CN.

(51)⁷ G11B 5/596

(11) WO 03/088216 (13) A1

(21) PCT/US03/11407

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,953 10 Apr/avr 2002 US
(10.04.2002)

(30) 10/340,283 10 Jan/jan 2003 US
(10.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MAGNETIC ALIGNMENT MARKING
OF HARD DISKS

- REPERAGE D'ALIGNEMENT MA-
GNETIQUE DE DISQUES DURS

(71) SEAGATE TECHNOLOGY LLC
[US/US]; Intellectual Property Department,
Building 15, 920 Disc Drive, Scotts Valley,
CA 95066 (US).

(72) KUO, David, S.; 3308 Kipling St., Palo Alto,
CA 94306 (US). PRESSESKY, Jason; 880
Harvard Ave., Menlo Park, CA 94025 (US).
NGUYEN, Dan; 2126 Commodore Dr., San
Jose, CA 95133 (US).

(74) DEL CASTILLO, Jesus et al. / etc.; Sea-
gate Technology LLC, Building 15, 920 Disc
Drive, Scotts Valley, CA 95066 (US).

(81) CN DE GB JP KR SG.

(51)⁷ G11B 5/738, 5/65, 5/673, 5/851

(11) WO 03/088217 (13) A1

(21) PCT/JP03/03441

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-113648 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • VERTICAL MAGNETIC RECORDING
MEDIUM, METHOD FOR PRODUC-
ING THE SAME AND MAGNETIC
RECORDER

- SUPPORT D'ENREGISTREMENT MA-
GNETIQUE VERTICAL, PROCEDE DE
PRODUCTION ASSOCIE ET ENREGIS-
TREUR MAGNETIQUE

(71) ANELVA CORPORATION [JP/JP]; 5-8-1,
Yotsuya, Fuchu-shi, Tokyo 183-8508 (JP).
FUJI ELECTRIC CO., LTD. [JP/JP]; 1-1,
Tanabeshinden, Kawasaki-ku, Kawasaki-shi,
Kanagawa 210-9530 (JP). SHOWA DENKO
K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome,
Minato-ku, Tokyo 105-8518 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) TAKAHASHI, Migaku [JP/JP]; 20-2,
Hitokita 2-chome, Taihaku-ku, Sendai-shi,
Miyagi 982-0222 (JP).

(72, 75) DJAYAPRAWIRA, David [ID/JP]; c/o
TOHOKU UNIVERSITY, Faculty of Engi-
neering, Department of Electronics, 05, Aza-
Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi
980-0806 (JP). DOMON, Hiroki [JP/JP]; c/o
TOHOKU UNIVERSITY, Faculty of Engi-
neering, Department of Electronics, 05, Aza-
Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi
980-0806 (JP).

(74) YAMAGUCHI, Iwao et al. / etc.; c/o YAMAGUCHI International Patent Office, 3-2, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-0022 (JP).

(81) KR SG US.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G11B 5/738, 5/70

(11) WO 03/088218 (13) A1

(21) PCT/JP03/04214

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101444 3 Apr/avr 2002 JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWDER FOR SUBLAYER OF COATING TYPE MAGNETIC RECORDING MEDIUM

• POUDRE POUR SOUS-COUCHE DE SUPPORT D'ENREGISTREMENT MAGNETIQUE DE TYPE ENROBAGE

(71) DOWA MINING CO., LTD. [JP/JP]; 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMOTO, Kazuyuki [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP). INOUE, Kenichi [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP). INOUE, Ken [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP).

(74) WADA, Kenji; Room 601, Lions Mansion Ichigaya, 8-10, Sumiyoshi-cho, Shinjuku-ku, Tokyo 162-0065 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 5/738, 5/70

(11) WO 03/088219 (13) A1

(21) PCT/JP03/04215

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-100797 3 Apr/avr 2002 JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWDER FOR SUBLAYER OF COATING TYPE MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM COMPRISING THE SAME

• POUDRE POUR SOUS-COUCHE DE SUPPORT D'ENREGISTREMENT MAGNETIQUE DE TYPE A REVETEMENT ET SUPPORT D'ENREGISTREMENT MAGNETIQUE CONTENANT LADITE POUDRE

(71) DOWA MINING CO., LTD. [JP/JP]; 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMOTO, Kazuyuki [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP). INOUE, Kenichi [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP). INOUE, Ken [JP/JP]; c/o Dowa Mining Co., Ltd., 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 (JP).

(74) WADA, Kenji; Room 601, Lions Mansion Ichigaya, 8-10, Sumiyoshi-cho, Shinjuku-ku, Tokyo 162-0065 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/00

(11) WO 03/088220 (13) A1

(21) PCT/IB03/01158

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 02076458.5 15 Apr/avr 2002 EP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • READ/WRITE HEAD FOR OPTICAL DISK DRIVE AND OPTICAL DISK DRIVE COMPRISING SUCH A READ/WRITE HEAD

• TETE DE LECTURE/ECRITURE POUR LECTEUR DE DISQUE OPTIQUE, ET LECTEUR DE DISQUE OPTIQUE COMPRENANT CETTE TETE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSMALEN, Gerard, E. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHRIJNEMAËKERS, Hubert, J., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11B 7/004, 20/14

(11) WO 03/088221 (13) A1

(21) PCT/JP03/04209

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja

(26) ja

(30) 2002-100961 3 Apr/avr 2002 JP
(03.04.2002)

(30) 2002-152904 27 May/mai 2002 JP
(27.05.2002)

(30) 2002-217856 26 Jul/juil 2002 JP
(26.07.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL INFORMATION DEVICE, OPTICAL STORAGE MEDIUM, OPTICAL STORAGE MEDIUM INSPECTION DEVICE, AND OPTICAL STORAGE INSPECTION METHOD

• DISPOSITIF D'INFORMATION OPTIQUE, SUPPORT DE STOCKAGE OPTIQUE, DISPOSITIF D'INSPECTION DE SUPPORT DE STOCKAGE OPTIQUE, ET PROCEDE D'INSPECTION DE STOCKAGE OPTIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KADOWAKI, Shin-ichi [JP/JP]; 50-9, Yurinokidai 1-chome, Sanda-shi, Hyogo 669-1324 (JP). SHOJI, Mamoru [JP/JP]; 3-13-4-805, Mozu-umemachi, Sakai-shi, Osaka 591-8032 (JP). NAKAMURA, Atsushi [JP/JP]; 2-7-27-1107, Sata-nakamachi, Moriguchi-shi, Osaka 570-0002 (JP). ISHIDA, Takashi [JP/JP]; 13-14, Hashimoto-isoku, Yawata-shi, Kyoto 614-8331 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/007, 7/24, 20/10

(11) WO 03/088222 (13) A1

(21) PCT/JP03/04304

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-100750 3 Apr/avr 2002 JP
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING DATA RECORDING METHOD, RECORDING DATA REPRODUCTION METHOD, RECORDING DEVICE, REPRODUCTION DEVICE, AND MULTI-LAYERED OPTICAL RECORDING MEDIUM

• PROCEDE D'ENREGISTREMENT DE DONNEES D'ENREGISTREMENT,

PROCEDE DE REPRODUCTION DE
DONNEES D'ENREGISTREMENT,
DISPOSITIF D'ENREGISTREMENT,
DISPOSITIF DE REPRODUCTION, ET
SUPPORT D'ENREGISTREMENT OP-
TIQUE MULTICOUCHE

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 103-8272 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MIZUSHIMA, Tetsuro** [JP/JP]; C/O
TDK Corporation, 1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 (JP). **KOMAKI,
Tsuyoshi** [JP/JP]; C/O TDK Corpora-
tion, 1-13-1, Nihonbashi, Chuo-ku, Tokyo
103-8272 (JP).

(74) **SAKAI, Shinji**; 3873-1, Higashiterao,
Matsushiro-machi, Nagano-shi, Nagano
381-1225 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G11B 7/0045, 20/10, 20/12**

(11) **WO 03/088223** (13) A1

(21) PCT/JP03/04440

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) ja (26) ja

(30) 2002-110345 **12 Apr/avr 2002 JP**
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA RECORDING MEDIUM, DATA
RECORDING METHOD, AND DEVICE
• SUPPORT D'ENREGISTREMENT DE
DONNEES, PROCEDE D'ENREGIS-
TREMENT DE DONNEES ET DISPOSI-
TIF CORRESPONDANT

(71) **SONY DISC TECHNOLOGY INC.**
[JP/JP]; 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **SAITO, Akiya** [JP/JP]; C/O SONY
DISC TECHNOLOGY INC., 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

(74) **SUGIURA, Masatomo** et al. / etc.; 7th
Floor, Ikebukuro Park Bldg., 49-7, Minami
Ikebukuro 2-chome, Toshima-ku, Tokyo
171-0022 (JP).

(81) AU BR CA CN KR MX SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ **G11B 7/0045, 7/24**

(11) **WO 03/088224** (13) A1

(21) PCT/JP03/04882

(22) **17 Apr/avr 2003 (17.04.2003)**

(25) ja (26) ja

(30) 2002-115448 **17 Apr/avr 2002 JP**
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR
RECORDING/REPRODUCING OPTI-
CAL INFORMATION
• PROCEDE ET DISPOSITIF POUR L'EN-
REGISTREMENT/LA REPRODUC-
TION D'INFORMATION OPTIQUE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba
5-chome, Minato-ku, Tokyo 108-0014 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **OHKUBO, Shuichi** [JP/JP]; c/o NEC
Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-0014 (JP).

(74) **YAMASHITA, Johei**; YAMASHITA &
ASSOCIATES, Toranomon 40th MT Bldg.,
13-1, Toranomon 5-chome, Minato-ku,
Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ **G11B 7/005, 7/09, 7/24**

(11) **WO 03/088225** (13) A1

(21) PCT/JP03/04785

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) ja (26) ja

(30) 2002-115329 **17 Apr/avr 2002 JP**
(17.04.2002)

(30) 2002-163416 **4 Jun/juin 2002 JP**
(04.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION RECORDING
MEDIUM, INFORMATION REPRO-
DUCING DEVICE, INFORMATION
RECORDER, AND INFORMATION
RECORDING/REPRODUCING DE-
VICE
• SUPPORT D'ENREGISTREMENT
D'INFORMATIONS, DISPOSITIF DE
LECTURE D'INFORMATIONS, EN-
REGISTREUR D'INFORMATIONS
ET DISPOSITIF D'ENREGISTRE-
MENT/LECTURE D'INFORMATIONS

(71) **PIONEER CORPORATION** [JP/JP];
4-1, Meguro 1-chome, Meguro-ku, Tokyo
153-8654 (JP).

(72) **ARAKI, Yoshitsugu**; c/o Pioneer Cor-
poration, Sougou Kenkyusho, 1-1, Fu-
jimi 6-chome, Tsurugashima-shi, Saitama
350-2201 (JP). **SATO, Mitsuru**; c/o Pio-
neer Corporation, Sougou Kenkyusho, 1-1,
Fujimi 6-chome, Tsurugashima-shi, Saitama
350-2201 (JP).

(74) **ISHIKAWA, Yasuo** et al. / etc.; Park Shiba
Building 4F, 17-11, Shiba 2-chome, Mi-
nato-ku, Tokyo 105-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **G11B 7/007, 7/24, 11/105**

(11) **WO 03/088226** (13) A1

(21) PCT/JP03/04032

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) ja (26) ja

(30) 2002-98045 **29 Mar/mar 2002 JP**
(29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING MEDIUM, RECORDING
MEDIUM REPRODUCTION METHOD,
RECORDING MEDIUM REPRODUC-
TION DEVICE, UNIQUE IDENTIFI-
CATION INFORMATION RECORD-
ING METHOD, AND RECORDING
MEDIUM RECORDING DEVICE

• SUPPORT D'ENREGISTREMENT,
PROCEDE DE REPRODUCTION DE
SUPPORT D'ENREGISTREMENT,
DISPOSITIF DE REPRODUCTION
DE SUPPORT D'ENREGISTREMENT,
PROCEDE D'ENREGISTREMENT
D'INFORMATION A IDENTIFICATION
UNIQUE, ET DISPOSITIF D'ENREGIS-
TREMENT DE SUPPORT D'ENREGIS-
TREMENT

(71) **SONY CORPORATION** [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **TOBITA, Minoru** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP).

(74) **KOIKE, Akira** et al. / etc.; 11 Floor, Yamato
Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome,
Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR US.

(51)⁷ **G11B 7/007, 7/0045, 20/10, 20/12**

(11) **WO 03/088227** (13) A1

(21) PCT/JP03/04177

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) ja (26) ja

(30) 2002-111815 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING DISC, RECORDING DEVICE, AND RECORDING METHOD

• DISQUE D'ENREGISTREMENT, DISPOSITIF ET PROCÉDE D'ENREGISTREMENT

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMITA, Yoshimi [JP/JP]; c/o Corporate Research and Development Laboratory, Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) FUJIMURA, Motohiko; FUJIMURA & ASSOCIATES, Ginza-Ohno Bldg., 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo 104-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/085, 19/12, 7/004

(11) WO 03/088228 (13) A1

(21) PCT/JP03/04033

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(30) 2002-98050 29 Mar/mar 2002 JP
(29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL DISK IDENTIFYING DEVICE, OPTICAL DISK IDENTIFYING METHOD, OPTICAL DISK RECORDER, AND OPTICAL DISK REPRODUCING DEVICE

• DISPOSITIF D'IDENTIFICATION DE DISQUE OPTIQUE, PROCÉDE D'IDENTIFICATION DE DISQUE OPTIQUE, ENREGISTREUR DE DISQUE OPTIQUE, ET DISPOSITIF DE REPRODUCTION DE DISQUE OPTIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAO, Shinichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ARIKAWA, Yoshiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11 Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/09

(11) WO 03/088229 (13) A1

(21) PCT/IB03/01447

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) PCT/SG02/00075 17 Apr/avr 2002 SG
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL PICKUP

• CAPTEUR OPTIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAK, Aik, S. [SG/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WON, Pei, C. [MY/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LIM, Tuck, L. [SG/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SINGH, Gurdev [SG/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/125

(11) WO 03/088230 (13) A1

(21) PCT/JP03/04263

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-115726 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMICONDUCTOR LASER DRIVING CIRCUIT AND OPTICAL HEAD

• CIRCUIT DE COMMANDE DE LASER A SEMI-CONDUCTEUR ET TÊTE OPTIQUE

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(72) SHIBUYA, Giichi; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) HOSHIMIYA, Katsumi; 10th Floor, Toukou Building, 15-7, Shinjuku 5-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/135

(11) WO 03/088231 (13) A1

(21) PCT/JP03/04771

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-111736 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL PICKUP DEVICE AND OPTICAL DISK DEVICE

• DISPOSITIF DE LECTURE OPTIQUE ET DISPOSITIF A DISQUE OPTIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAZAWA, Takakiyo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). WATANABE, Tetsu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). AOKI, Sunao [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/14

(11) WO 03/088232 (13) A2

(21) PCT/IB03/01348

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 0208834.2 18 Apr/avr 2002 GB
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTITRACK OPTICAL DISC READER

• LECTEUR DE DISQUES OPTIQUES A PLUSIEURS PISTES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JBIRA, Aroug [MA/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WHITE, Andrew; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24

(11) WO 03/088233 (13) A1

(21) PCT/JP03/04354

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(30) 2002-112884 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT OPTIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KISHIMA, Koichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAITO, Kimihiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/24, 7/26

(11) WO 03/088234 (13) A1

(21) PCT/US03/11156

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,407 11 Apr/avr 2002 US (11.04.2002)

(30) 60/371,408 4 Sep/sep 2002 US (04.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOLOGRAPHIC STORAGE MEDIA

• SUPPORT DE STOCKAGE HOLOGRAPHIQUE

(71) INPHASE TECHNOLOGIES, INC. [US/US]; 2000 Pike Road, Longmont, CO 80501 (US).

(72) TRENTLER, Timothy; 1100 E. 17th Avenue, #B204, Longmont, Colorado 80501 (US). SCHNOES, Melinda; 1487 Clover Creek Drive, Longmont, CO 80501 (US).

COLES, Michael; 2400 17th Avenue, #A202, Longmont, CO 80501 (US). PHAN, Xuan; 2509 Sunnystone Way, Raleigh, NC 27613 (US).

(74) BOCKMAN, Jonathan et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11B 7/26, G03F 7/26, 7/004

(11) WO 03/088235 (13) A1

(21) PCT/JP03/04789

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-111600 15 Apr/avr 2002 JP (15.04.2002)

(30) 2002-226296 2 Aug/août 2002 JP (02.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STAMPER ORIGINAL AND ITS MANUFACTURING METHOD, STAMPER AND ITS MANUFACTURING METHOD, AND OPTICAL DISK

• MATRICE DE PRESSAGE D'ORIGINE ET PROCEDE DE FABRICATION DE CETTE MATRICE, MATRICE DE PRESSAGE ET PROCEDE DE FABRICATION DE CETTE MATRICE ET DISQUE OPTIQUE

(71) NAGASE & CO., LTD. [JP/JP]; 1-1-7, Shinmachi, Nishi-ku, Osaka-shi, Osaka 550-8668 (JP).

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(72, 75) OGAWA, Shu [JP/JP]; c/o NAGASE & CO., LTD., 5-1, Nihonbashi-Kobunacho, Chuo-ku, Tokyo 103-8355 (JP). YAMANAKA, Shojiro [JP/JP]; c/o NAGASE & CO., LTD., 5-1, Nihonbashi-Kobunacho, Chuo-ku, Tokyo 103-8355 (JP). KOSHINO, Sadafumi [JP/JP]; c/o NAGASE & CO., LTD., 5-1, Nihonbashi-Kobunacho, Chuo-ku, Tokyo 103-8355 (JP). MIYAKE, Koji [JP/JP]; c/o NAGASE & CO., LTD., 5-1, Nihonbashi-Kobunacho, Chuo-ku, Tokyo 103-8355 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 11/105

(11) WO 03/088236 (13) A1

(21) PCT/JP02/03712

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL STORAGE DEVICE, AND OPTICAL STORAGE MEDIUM READING/WRITING METHOD

• MEMOIRE OPTIQUE, ET PROCEDE DE LECTURE-ECRITURE SUR SUPPORT OPTIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOYAMA, Nobuhide [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MORIMOTO, Yasuaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; Hayashi, Doi & Associates, Toshou-Bldg. No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 15/665

(11) WO 03/088237 (13) A1

(21) PCT/JP03/04849

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002/115366 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TAPE GUIDE MECHANISM OF MAGNETIC RECORDING/REPRODUCING DEVICE

- MECANISME DE GUIDE-BANDE DE DISPOSITIF D'ENREGISTREMENT/DE REPRODUCTION MAGNETIQUE
 - (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **KONDO, Yasuhiro** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
 - (74) **TSUNODA, Yoshisue** et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
 - (81) CN KR US.
-
- (51)⁷ **G11B 19/02, 19/16, 15/02**
(11) **WO 03/088238** (13) A1
(21) PCT/US03/10018
(22) **2 Apr/avr 2003 (02.04.2003)**
(25) en (26) en
(30) 60/370,439 **5 Apr/avr 2002** US
(05.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • REMOTE CONTROL SYSTEM AND METHOD FOR PERSONAL VIDEO RECORDER
 - SYSTEME ET PROCEDE DE TELECOMMANDE POUR MAGNETOSCOPE PERSONNEL
 - (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **KENDALL, Scott, Allan** [US/US]; 318 McIntosh Lane, Westfield, IN 46074 (US).
 - (74) **TRIPOLI, Joseph, S.** et al. / etc.; c/o THOMSON Licensing Inc., Two Independence Way, Suite #2, Princeton, NJ 08540 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 20/00**
(11) **WO 03/088239** (13) A1
(21) PCT/EP03/03554
(22) **4 Apr/avr 2003 (04.04.2003)**
(25) en (26) en
(30) 02008668.2 **17 Apr/avr 2002** EP
(17.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COPY PROTECTION SYSTEM FOR OPTICAL DISCS

- SYSTEME DE PROTECTION CONTRE LA COPIE POUR DISQUES OPTIQUES
 - (71) **SONY DADC AUSTRIA AG** [AT/AT]; Sonystrasse 20, A-5081 Anif (AT).
(for all designated States except / pour tous les États désignés sauf US)
 - (72) **REITER, Gottfried**; Sony DADC Austria AG, Sonystrasse 20, A-5081 Anif (US).
 - (74) **HOEFER, SCHMITZ, WEBER & PARTNER**; Gabriel-Max-Str. 29, 81545 München (DE).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **G11B 20/00**
(11) **WO 03/088240** (13) A2
(21) PCT/EP03/04098
(22) **18 Apr/avr 2003 (18.04.2003)**
(25) en (26) en
(30) 60/373,877 **18 Apr/avr 2002** US
(18.04.2002)
(30) 10/402,033 **28 Mar/mar 2003** US
(28.03.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR CALIBRATING DATA-DEPENDENT NOISE PREDICTION
 - PROCEDE ET APPAREIL POUR LE CALIBRAGE DE LA PREDICTION DU BRUIT LIE AUX DONNEES
 - (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
 - (72) **ASHLEY, Jonathan**; 460 Monterey Ave., Los Gatos, CA 95030 (US). **STOCKMANN, Heinrich**; 355 Western Drive, Apt. L, Santa Cruz, CA 95060 (US).
 - (74) **JANNIG, Peter** et al. / etc.; Jannig & Repkow, Patent Attorneys, Klausenberg 20, 86199 Augsburg (DE).
 - (81) CN JP KR.
 - (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **G11B 20/00, 20/12, 27/30**
(11) **WO 03/088241** (13) A2
(21) PCT/IB03/01256
(22) **1 Apr/avr 2003 (01.04.2003)**
(25) en (26) en
(30) 02076527.7 **18 Apr/avr 2002** EP
(18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD OF COPY DETECTION AND PROTECTION USING NON-STANDARD TOC ENTRIES
 - PROCEDE DE DETECTION DE COPIE ET DE PROTECTION FAISANT APPEL A DES ENTREES DE TABLE DES MATIERES NON STANDARDS
 - (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **BENTVELSEN, Petrus, H., C.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VOLLEBREGT, Paulus, F.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 - (74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 20/00, 19/12**
(11) **WO 03/088242** (13) A1
(21) PCT/IB03/01365
(22) **1 Apr/avr 2003 (01.04.2003)**
(25) en (26) en
(30) 02076517.8 **18 Apr/avr 2002** EP
(18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF COPY DETECTION AND PROTECTION USING TIME JUMPS
 - PROCEDE DE DETECTION DE COPIE ET DE PROTECTION AU MOYEN DE SAUTS TEMPORELS
 - (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **BENTVELSEN, Petrus, H., C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VOLLEBREGT, Paulus, F.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 - (74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/00

(11) WO 03/088243 (13) A1

(21) PCT/IB03/01505

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 60/372,893 16 Apr/avr 2002 US (16.04.2002)

(30) 60/432,889 12 Dec/déc 2002 US (12.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALLOWING RECORDING BASED ON REGIONS
• TOLÉRANCE D'ENREGISTREMENT SUR LA BASE DE RÉGIONS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRASINSKI, Raymond, J. [US/US]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). EPSTEIN, Michael, A. [US/US]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(t) for the following designation / pour la désignation suivante : CN; (t) for the following designation / pour la désignation suivante : CN

(51)⁷ G11B 20/10

(11) WO 03/088244 (13) A2

(21) PCT/EP03/03843

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/374,854 18 Apr/avr 2002 US (18.04.2002)

(30) 10/402,654 28 Mar/mar 2003 US (28.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR A DATA-DEPENDENT NOISE PREDICTIVE VITERBI

• PROCEDE ET APPAREIL ASSOCIES A UN DETECTEUR DE VITERBI A PREVISION DE BRUIT DEPENDANT DES DONNEES

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(72) ASHLEY, Jonathan; 460 Monterey Ave., Los Gatos, CA 95030 (US). STOCKMANN, Heinrich; 355 Western Drive, Apt. L, Santa Cruz, CA 95060 (US). ZHANG, Kaichi; 140 Vernon St., Apt. #3, Santa Cruz, CA 95060 (US).

(74) JANNIG, Peter et al. / etc.; Jannig & Repkow, Patent Attorneys, Klausenberg 20, 86199 Augsburg (DE).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G11B 20/10

(11) WO 03/088245 (13) A1

(21) PCT/JP02/03651

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL DISK AND PROGRAM
• DISQUE OPTIQUE ET PROGRAMME

(71, 72) TENJIN, Takanori [JP/JP]; 1-18-15, Kyuden, Setagaya-ku, Tokyo 157-0064 (JP). INOUE, Yukihisa [JP/JP]; 2352-1-306, Koshinohara, Yasu-cho, Yasu-gun, Shiga 520-2331 (JP).

(74) KUDO, Ichiro; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/10, H04N 5/92, G06F 3/06

(11) WO 03/088246 (13) A1

(21) PCT/JP03/04524

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-115953 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING DEVICE AND RECORDING METHOD
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUNO, Katsumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ARIDOME, Kenichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TADA, Shigenori; TADA Patent Office, 501, Sutura Building, 45-2, Higashiikebukuro 2-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/12, 20/18, 20/00

(11) WO 03/088247 (13) A2

(21) PCT/IB03/01269

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 02076518.6 18 Apr/avr 2002 EP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • READ-ONLY RECORD CARRIER WITH RECORDABLE AREA IN SUBCODE CHANNEL
• SUPPORT D'ENREGISTREMENT A LECTURE SEULE PRESENTANT UNE ZONE ENREGISTRABLE DANS UN CANAL D'EXPLOITATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENTVELSEN, Petrus, H., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VOLLEBREGT, Paulus, F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/12, 27/036

(11) WO 03/088248 (13) A1

(21) PCT/US03/10553

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,046 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTIMIZING THE RECORDING ON A REWRITABLE INTERACTIVE MEDIUM OF REVISIONS TO AN EXISTING PROJECT ON THAT MEDIUM
• OPTIMISATION DE L'ENREGISTREMENT SUR UN SUPPORT INTERACTIF REINSCRIPTIBLE DE REVISIONS D'UN PROJET EXISTANT SUR CE SUPPORT

(71) SONIC SOLUTIONS [US/US]; 101 Rowland Way, Novato, CA 94945 (US).

(72) OETZEL, Kenneth, G.; 4 Somerset Place, Novato, CA 94945 (US). VAN HORIK, Henry; 1419 Berkeley Way, Berkeley, CA 94702 (US).

(74) CLEVELAND, Michael, G. et al. / etc.; Parsons Hsue & de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 27/00, 27/10, 20/10

(11) WO 03/088249 (13) A1

(21) PCT/JP03/04707

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112367 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING/REPRODUCTION DEVICE AND RECORDING/REPRODUCTION METHOD
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT/LECTURE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUDOU, Shigetaka [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN DE JP KR US.

(51)⁷ G11C

(11) WO 03/088250 (13) A2

(21) PCT/US03/10952

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,792 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MANUFACTURE OF PROGRAMMABLE CONDUCTOR MEMORY

• PROCEDE DE FABRICATION DE MEMOIRE A CONDUCTEUR PROGRAMMABLE

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 S. Federal Way, Boise, ID 83707-0006 (US).

(72) GILTON, Terry, L.; 3149 E. Nature Drive, Boise, Idaho 83706 (US).

(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, NW, Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C

(11) WO 03/088251 (13) A2

(21) PCT/US03/10953

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,794 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THIN FILM DIODE INTEGRATED WITH CHALCOGENIDE MEMORY CELL

• DIODE A FILM MINCE INTEGREE A UNE CELLULE MEMOIRE EN CHALCOGENURE

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 S. Federal Way, P.O. Box 6, Boise, ID 83707-0006 (US).

(72) GILTON, Terry, L.; 3149 E. Nature Drive, Boise, ID 83706 (US).

(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 7/02, 16/06, H03F 3/45

(11) WO 03/088252 (13) A1

(21) PCT/US03/04075

(22) 11 Feb/fév 2003 (11.02.2003)

(25) en (26) en

(30) 10/121,377 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SINGLE-ENDED CURRENT SENSE AMPLIFIER

• AMPLIFICATEUR DE DETECTION DE COURANT ASYMETRIQUE

(71) ATMEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) DAGA, Jean, Michel; Résid La Figuière bât E, F-13090 Aix en Provence (FR). PAPAIX, Caroline; 21 Grand Rue, F-13790 Rousset (FR). GUICHAOUA, Janine; les Espinades, Chemin Jas de Bassas, 13710 Fuveau (FR).

(74) SCHNECK, Thomas; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G11C 11/15, 11/16

(11) WO 03/088253 (13) A1

(21) PCT/EP03/04095

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 10/124,950 18 Apr/avr 2002 US (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MATERIAL COMBINATIONS FOR TUNNEL JUNCTION CAP LAYER, TUNNEL JUNCTION HARD MASK AND TUNNEL JUNCTION STACK SEED LAYER IN MRAM PROCESSING

- COMBINAISONS DE MATERIAU POUR COUCHE SUPERIEURE DE JONCTION A EFFET TUNNEL, MASQUE DUR DE JONCTION A EFFET TUNNEL ET COUCHE GERME EMPILEE DE JONCTION A EFFET TUNNEL DANS LE TRAITEMENT DE MEMOIRE VIVE MAGNETIQUE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(72) LEUSCHNER, Rainer; 81 Panorama Drive, Mohegan Lake, NY 10547 (US). STOJAKOVIC, George; 100 Woodcrest Drive, Hopewell Junction, NY 12533 (US). NING, Xian, J.; 3872 Marcy Street, Mohegan Lake, NY 10547 (US).

(74) KOTTMANN, Dieter; Müller, Hoffmann & Partner, Innere Wiener Str. 17, 81667 München (DE).

(81) CN JP KR.

(84) EP (DE FR GB IE IT).

Published / Publiée : (c)

(51)⁷ G11C 11/15

(11) WO 03/088254 (13) A1

(21) PCT/JP03/04859

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-115010 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • STORAGE DEVICE USING RESISTANCE VARYING STORAGE ELEMENT AND REFERENCE RESISTANCE VALUE DECISION METHOD FOR THE DEVICE

- DISPOSITIF DE STOCKAGE AVEC ELEMENT DE STOCKAGE A RESISTANCE VARIABLE ET METHODE DE CHOIX DE VALEUR DE RESISTANCE DE REFERENCE POUR CE DISPOSITIF

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORIYAMA, Katsutoshi [JP/JP]; c/o Sony Semiconductor Kyushu, Corporation, 2-3-2, Momochihama, Sawara-ku, Fukuoka-shi, Fukuoka 814-0001 (JP). HIGO, Yutaka [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) UCHINO, Yoshihiro et al. / etc.; Imaizumi Kōporasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0021 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G11C 11/404

(11) WO 03/088255 (13) A1

(21) PCT/EP03/02747

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 02405314.2 18 Apr/avr 2002 EP (18.04.2002)

(30) 02077116.8 29 May/mai 2002 EP (29.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA STORAGE DEVICE AND REFRESHING METHOD FOR USE WITH SUCH DEVICE

- DISPOSITIF DE STOCKAGE DE DONNEES ET PROCEDE DE RAFFRAICHISSEMENT UTILISABLE AVEC UN TEL DISPOSITIF

(71) INNOVATIVE SILICON SA [CH/CH]; PSE EPFL, CH-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAZAN, Pierre, Christophe [CH/CH]; Avenue du Carroz 1, CH-1110 Morges (CH). AKHONIN, Serguei [CH/CH]; Avenue Jolimont 2, CH-1005 Lausanne (CH).

(74) VINSOME, Rex, Martin; Urquhart-Dykes & Lord, St Nicholas Chambers, Amen Corner, Newcastle-upon-Tyne NE1 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 15/00

(11) WO 03/088256 (13) A1

(21) PCT/IL02/00293

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • QUATERNARY CAM CELL

- CELLULE CAM QUATERNAIRE

(71) MEMCALL L.L.C. [US/US]; Corporation Service Company, 2711 Centerville Road, Suite 400, New Castle County, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VILLARET, Yves [IL/IL]; Hakinor st. 9, 38530 Hadera (IL).

(74) CALDERON, Hana; Jacob & Hana Calderon, Advocates, Crystal Bldg., 12 Hilazon St., 52522 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 16/04

(11) WO 03/088257 (13) A1

(21) PCT/US02/11182

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EMBEDDED ELECTRICALLY PROGRAMMABLE READ ONLY MEMORY DEVICES

- DISPOSITIFS INTÉGRÉS DE MÉMOIRE MORTE PROGRAMMABLE ÉLECTRIQUEMENT

(71, 72) SHAU, Jeng-Jye [US/US]; 991 Amarillo Avenue, Palo Alto, CA 94303 (US).

(74) LIN, Bo-In; 13445 Mandoli Drive, Los Altos Hills, CA 94022 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G11C 16/04, 16/16

(11) WO 03/088258 (13) A1

(21) PCT/US03/04607

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/119,366 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED ERASE METHOD FOR A DUAL BIT MEMORY CELL

- PROCEDE D'EFFACEMENT AMÉLIORÉ POUR CELLULE DE MEMOIRE A DEUX BITS

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) HAMILTON, Darlene, G.; 5824 Ponce Court, San Jose, CA 95118 (US). AJIMINE, Eric, M.; 18050 Harvest Lane, Saratoga, CA 95070 (US). LE, Binh, Q.; 1277 Crestpoint Drive, San Jose, CA 95131 (US). HSIA, Edward; 18723 Wood Dell Court, Saratoga, CA 95070 (US). TANPAIROJ, Kulachet; 948 Wing Place, Palo Alto, CA 94305 (US).

(74) COLLOPY, Daniel, R.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 16/04, 16/28

(11) WO 03/088259 (13) A1

(21) PCT/US03/04610

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/119,273 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REFRESH SCHEME FOR DYNAMIC
PAGE PROGRAMMING

- SCHEMA DE RAFRAICHISSEMENT
POUR PROGRAMMATION DYNAMI-
MIQUE DE PAGES

(71) ADVANCED MICRO DEVICES, INC.
[US/US]; One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(72) LE, Binh, Q.; 1277 Crestpoint Drive, San
Jose, CA 95131 (US). CHUNG, Michael;
1433 Royal Ann Court, San Jose, CA 95129
(US). CHEN, Pau-Ling; 12947 Arroyo de
Arguello, Saratoga, CA 95070 (US).(74) COLLOPY, Daniel, R.; Advanced Micro
Devices, Inc., One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11C 16/04, 16/34

(11) WO 03/088260 (13) A1

(21) PCT/US03/04611

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/119,391 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALGORITHM DYNAMIC REFERENCE
PROGRAMMING

- PROGRAMMATION DE REFERENCE
DYNAMIQUE D'ALGORITHME

(71) ADVANCED MICRO DEVICES, INC.
[US/US]; One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(72) LE, Binh, Q.; 1277 Crestpoint Drive, San
Jose, CA 95131 (US). CHEN, Pau-Ling;
12947 Arroyo de Arguello, Saratoga, CA
95070 (US).(74) COLLOPY, Daniel, R.; Advanced Micro
Devices, Inc., One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RORU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11C 16/04, 16/34, 7/14, 11/56

(11) WO 03/088261 (13) A1

(21) PCT/US03/06589

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 60/372,361 12 Apr/avr 2002 US
(12.04.2002)(30) 10/136,173 1 May/mai 2002 US
(01.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR GEN-
ERATING A REFERENCE VOLTAGE
BASED ON AVERAGING THE VOLT-
AGES OF TWO COMPLEMENTARY
PROGRAMMED DUAL BIT REFER-
ENCE CELLS

- SYSTEME ET PROCEDE DE PRO-
DUCTION D'UNE TENSION DE RE-
FERENCE BASEE SUR LA MOYENNE
DES TENSIONS DE DEUX CELLULES
COMPLEMENTAIRES DE REFE-
RENCE A DEUX BITS PROGRAMMES

(71) ADVANCE MICRO DEVICES, INT.
[US/US]; One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(71, 72) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211 (JP).(72) VANBUSKIRK, Michael A.; 18653 Vessing
Road, Saratoga, CA 95070 (US). HAMIL-
TON, Darlene G.; 5824 Ponce Court, San
Jose, CA 95120 (US). CHEN, Pau-Ling;
12947 Arroyo De Arguello, Saratoga, CA
95070 (US). KURIHARA, Kazuhiro; 1180
Lochinvar Avenue, #46, Sunnyvale, CA
94087 (US).(74) COLLOPY, Daniel, R.; Advanced Micro
Devices, Inc., One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G11C 16/10, G07F 7/10

(11) WO 03/088262 (13) A1

(21) PCT/FR03/01205

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr

(26) fr

(30) 02/04705 16 Apr/avr 2002 FR
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR MODIFICATION OF
DATA ON A MEMORY CARD ON A
TRANSACTION

- PROCEDE DE MODIFICATION DES
DONNEES D'UNE CARTE A ME-
MOIRE LORS D'UNE TRANSACTION

(71) ASK S.A. [FR/FR]; Les Bouillides, 15, tra-
verse des Brucs, Sophia Antipolis, F-06560
Valbonne (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GERBAULT, Eric [FR/FR]; 788,
chemin de la Gaudé, F-06140 Vence (FR).(74) BONNEAU, Gérard; Cabinet Bonneau, Les
Taissonnières-HB3, 1681, route des Dolines,
F-06560 Sophia Antipolis (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G21C

(11) WO 03/088263 (13) A2

(21) PCT/CA03/00431

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 2,380,909 8 Apr/avr 2002 CA
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIFFERENTIAL PRESSURE BASED
LOCK

- VERROU COMMANDE PAR LE DIFFE-
RENTIEL DE PRESSION

(71) ATOMIC ENERGY OF CANADA LIM-
ITED [CA/CA]; 2251 Speakman Drive, Mis-
sissauga, Ontario L5K 1B2 (CA).(72) MILLARD, Julian, W., F.; 20 Howell
Street, Brampton, Ontario L6Y 3J5 (CA).(74) WHITE, Bradley, J. et al. / etc.; Osler,
Hoskin & Harcourt LLP, Suite 1500, 50
O'Connor Street, Ottawa, Ontario K1P 6L2
(CA).

(81) CN KR RO.

(51)⁷ G21C

(11) WO 03/088264 (13) A2

(21) PCT/US03/11382

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/122,104 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NUCLEAR REACTOR SYSTEM AND METHOD FOR AUTOMATICALLY SCRAMMING THE SAME

• SYSTEME DE REACTEUR NUCLEAIRE ET PROCEDE PERMETTANT D'ARRETER CE REACTEUR EN URGENCE

(71) BECHTEL BWXT IDAHO, LLC [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) OUGOUAG, Abderrafi, M.; 4900 Baltimore Circle, Idaho Falls, ID 83401 (US). TERRY, William, K.; 1044 North 1000 East, Shelley, ID 83274 (US).

(74) KIRSCH, Alan, D.; Bechtel Bwxt Idaho, LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21C

(11) WO 03/088265 (13) A2

(21) PCT/US03/11383

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/121,421 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTOMATICALLY SCRAMMING NUCLEAR REACTOR SYSTEM

• SYSTEME DE REACTEUR NUCLEAIRE A ARRET D'URGENCE AUTOMATIQUE

(71) BECHTEL BWXT IDAHO, LLC [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) OUGOUAG, Abderrafi, M.; 4900 Baltimore Circle, Idaho Falls, ID 83401 (US). SCHULTZ, Richard, R.; 1045 East 1500 North, Idaho Falls, ID 83402 (US). TERRY, William, K.; 1044 North 1000 East, Shelley, ID 83274 (US).

(74) KIRSCH, Alan, D. et al. / etc.; Bechtel Bwxt Idaho, LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21D

(11) WO 03/088266 (13) A2

(21) PCT/FR03/01091

(22) 7 Apr/avr 2003 (07.04.2003)

(25) fr (26) fr

(30) 02/04638 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF ELECTRICITY FROM THE HEAT PRODUCED IN THE CORE OF AT LEAST ONE HIGH-TEMPERATURE NUCLEAR REACTOR

• PROCEDE ET DISPOSITIF DE PRODUCTION D'ELECTRICITE A PARTIR DE LA CHALEUR PRODUITE DANS LE COEUR D'AU MOINS UN REACTEUR NUCLEAIRE A HAUTE TEMPERATURE

(71) FRAMATOME ANP [FR/FR]; Tour Areva, 1, place la Coupole, F-92400 Courbevoie (FR).

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(72, 75) LECOMTE, Michel [FR/FR]; 35, rue Camille Corot, F-92500 Rueil-Malmaison (FR).

(74) BOUGET, Lucien et al. / etc.; 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21F 3/00, A61B 6/10

(11) WO 03/088267 (13) A1

(21) PCT/FR03/01247

(22) 17 Apr/avr 2003 (17.04.2003)

(25) fr (26) fr

(30) 02/04768 17 Apr/avr 2002 FR (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SCREEN FOR PROTECTION AGAINST IONISING RADIATION EMISSIONS

• PARAVENT DE PROTECTION CONTRE LES EMISSIONS DE RAYONNEMENTS IONISANTS

(71) LEMER PAX [FR/FR]; 3, rue de l'Europe, F-44470 Carquefou (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEMER, Pierre-Marie [FR/FR]; 4, rue de Grillaud, F-44100 Nantes (FR).

(74) CATHERINE, Alain et al. / etc.; Cabinet Harle et Phelip, 7, rue de Madrid, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G21F 9/00

(11) WO 03/088268 (13) A2

(21) PCT/GB03/01484

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0207876.4 5 Apr/avr 2002 GB (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REMOVAL OF BLOCKAGES FROM PIPEWORK

• SUPPRESSION D'OBTURATIONS DE TUYAUX

(71) BRITISH NUCLEAR FUELS PLC [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENNIS, Iain, Stewart [GB/GB]; Springfield Hall, Springfield Road, Leighton Buzzard LU7 2US (GB). MAYHEW, Phillip, Antony [GB/GB]; British Nuclear Fuels Plc, Sellafield, Seascale, Cumbria CA20 1PG (GB).

(74) HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G21G 1/00

(11) WO 03/088269 (13) A2

(21) PCT/GB02/05604

(22) 11 Dec/déc 2002 (11.12.2002)

(25) en (26) en

(30) 0208356.6 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIOISOTOPE GENERATOR AND
METHOD OF CONSTRUCTION
THEREOF• GENERATEUR DE RADIOISOTOPE ET
SON PROCÉDE DE CONSTRUCTION(71) AMERSHAM PLC [GB/GB]; Amersham
Place, Little Chalfont, Buckinghamshire HP7
9NA (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WEISNER, Peter, Stewart [GB/GB];
Amersham plc, The Grove Centre, White
Lion Road, Amersham, Buckinghamshire
HP7 9LL (GB). FORREST, Terence,
Robert, Frederick [GB/GB]; Amersham
plc, The Grove Centre, White Lion Road,
Amersham, Buckinghamshire HP7 9LL
(GB).(74) HAMMETT, Audrey, Grace, Campbell et
al. / etc.; Amersham plc, Amersham Place,
Little Chalfont, Buckinghamshire HP7 9NA
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ G21G 4/08, A61J 1/00, G21F 5/015

(11) WO 03/088270 (13) A1

(21) PCT/GB02/05613

(22) 11 Dec/déc 2002 (11.12.2002)

(25) en (26) en

(30) 0208354.1 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIOISOTOPE GENERATOR

• GENERATEUR RADIO-ISOTOPE

(71) AMERSHAM PLC [GB/GB]; Amersham
Place, Little Chalfont, Buckinghamshire HP7
9NA (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WEISNER, Peter, Stewart [GB/GB];
Amersham plc, The Grove Centre, White
Lion Road, Amersham, Buckinghamshire
HP7 9LL (GB). FORREST, Terence,
Robert, Frederick [GB/GB]; Amersham
plc, The Grove Centre, White Lion Road,
Amersham, Buckinghamshire HP7 9LL
(GB).(74) HAMMETT, Audrey, Grace, Campb;
Amersham plc, Amersham Place, Little Chal-
font, Buckinghamshire HP7 9NA (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ H01B 1/00, H05B 33/00

(11) WO 03/088271 (13) A1

(21) PCT/US02/27202

(22) 27 Aug/août 2002 (27.08.2002)

(25) en (26) en

(30) 60/370,676 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DOPED ORGANIC CARRIER TRANS-
PORT MATERIALS• MATERIAUX DE TRANSPORT DE
CHARGES A DOPAGE ORGANIQUE(71) THE UNIVERSITY OF SOUTHERN
CALIFORNIA [US/US]; 3716 South Hope
Street, Suite 313, Los Angeles, CA 90007
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) THOMPSON, Mark [US/US]; 4447
Pepper Creek Way, Anaheim, CA 92807
(US).(74) MEAGHER, Thomas, F.; Kenyon &
Kenyon, One Broadway, New York, NY
10004 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ H01B 1/06, H01M 10/40

(11) WO 03/088272 (13) A1

(21) PCT/JP03/04676

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112036 15 Apr/avr 2002 JP
(15.04.2002)(30) 2002-363185 16 Dec/déc 2002 JP
(16.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ION-CONDUCTIVE ELECTROLYTE
AND CELL EMPLOYING THE SAME• ELECTROLYTE CONDUCTEUR
D'IONS ET PILE L'UTILISANT(71) HITACHI MAXELL, LTD. [JP/JP]; 1-1-88,
Ushitora, Ibaraki-shi, Osaka 567-8567 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ABE, Toshihiro [JP/JP]; 1-33-302,
Aobaokaminami, Suita-shi, Osaka 565-0802
(JP). SAIBARA, Shoji [JP/JP]; 1-33-301,
Aobaokaminami, Suita-shi, Osaka 565-0802
(JP). KATAYAMA, Hideaki [JP/JP]; 14-23,
Nishiyosumi-cho, Takatsuki-shi, Osaka
569-0813 (JP). AOYAMA, Shigeo [JP/JP];
17-11, Midori-cho, Otsu-shi, Shiga 520-0221
(JP). AOI, Keigo [JP/JP]; c/o Gradu-
ate School of Biocultural Sciences,
Nagoya University, Furo-cho, Chikusa-ku,
Nagoya-shi, Aichi 464-0814 (JP). YOKOE,
Makito [JP/JP]; c/o Graduate School of
Biocultural Sciences, Nagoya Univer-
sity, Furo-cho, Chikusa-ku, Nagoya-shi,
Aichi 464-0814 (JP). OKADA, Masahiko
[JP/JP]; c/o Department of Bioscience and
Biotechnology, Chubu University, 1200, Mat-
sumoto-cho, Kasugai-shi, Aichi 487-0027
(JP).(74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; 26th Floor, OAP TOWER,
8-30, Tenmabashi 1-chome, Kita-ku, Osaka-
shi, Osaka 530-6026 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ H01B 5/14, C03C 17/22, H01L 31/04,
H01J 43/04

(11) WO 03/088273 (13) A1

(21) PCT/JP03/04205

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-100661 2 Apr/avr 2002 JP
(02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POROUS ELECTROCONDUCTIVE
MATERIAL HAVING LIGHT TRANS-
MITTING PROPERTY• MATERIAU POREUX CONDUCTEUR
D'ELECTRICITE PRESENTANT UNE
CARACTERISTIQUE DE TRANSMIS-
SION DE LA LUMIERE(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY [JP/JP]; 3-1, Ka-
sumigaseki 1-chome, Chiyoda-ku, Tokyo
100-8921 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JIN, Tetsuro [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-8577 (JP). LIN, Hong [CN/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-8577 (JP). YAZAWA, Tetsuo [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-8577 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 7/02

(11) WO 03/088274 (13) A1

(21) PCT/EP02/04210

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRIC CABLE AND MANUFACTURING PROCESS THEREOF
• CABLE ELECTRIQUE ET SON PROCEDE DE FABRICATION

(71) PIRELLI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BELL, Sergio [IT/IT]; Via Maestri del Lavoro, 8, I-57126 Livorno (IT). BAREGGI, Alberto [IT/IT]; Via Aselli, 35, I-20133 Milano (IT). SCENZA, Cristiana [IT/IT]; Via San Salvatore, 6, I-84044 Angellara di Vallo della Lucania (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 13/02

(11) WO 03/088275 (13) A1

(21) PCT/CA03/00515

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,594 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR AND METHOD OF MANUFACTURING COMPACTED CABLES BY USE OF RIGID CAGE STRANDERS

• APPAREIL ET PROCEDE DE FABRICATION DE CABLES COMPACTES A L'AIDE D'UNE TORONNEUSE A CAGE RIGIDE

(71) ROTEQ MACHINERY, INC. [CA/CA]; 317 Bradwick Drive, Concord, Ontario L4K 1K5 (CA).

(72) BLACKMORE, Andrew; 336 Bennet Drive, King City, Ontario L7B 1G7 (CA). WHITE, Paul; 100 Goldsmith Crescent, Newmarket, Ontario L3X 1R5 (CA).

(74) MOFFAT & CO.; Barry E. Hutsel, 1200 - 427 Laurier Avenue W., P.O. Box 2088, Stn. "D", Ottawa, Ontario K1P 5W3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 7/00, B32B 7/02, C23F 4/00

(11) WO 03/088276 (13) A1

(21) PCT/JP03/04211

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-100301 2 Apr/avr 2002 JP (02.04.2002)

(30) 2002-100347 2 Apr/avr 2002 JP (02.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RESISTOR FILM LAMINATE, METHOD FOR MANUFACTURING RESISTOR FILM LAMINATE, COMPONENT COMPRISING RESISTOR FILM LAMINATE, AND METHOD FOR MANUFACTURING COMPONENT COMPRISING RESISTOR FILM LAMINATE

• LAMINE DE FILM DE RESISTANCE, PROCEDE DE FABRICATION DE LAMINE DE FILM DE RESISTANCE, COMPOSANT COMPRENANT UN LAMINE DE FILM DE RESISTANCE, ET PROCEDE DE FABRICATION D'UN COMPOSANT COMPRENANT UN LAMINE DE FILM DE RESISTANCE

(71) TOYO KOHAN CO., LTD. [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAIJO, Kinji [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). YOSHIDA, Kazuo [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). OHSAWA, Shinji [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 10/10

(11) WO 03/088277 (13) A1

(21) PCT/KR02/02315

(22) 9 Dec/déc 2002 (09.12.2002)

(25) ko (26) en

(30) 2002/18980 8 Apr/avr 2002 KR (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE ELECTRIC DEVICE FOR ADJUSTING A VARIABLE RESISTOR
• DISPOSITIF ELECTRIQUE PORTATIF SERVANT A AJUSTER UNE RESISTANCE VARIABLE

(71) IMT CO., LTD. [KR/KR]; 633-2 Goan-ri, Baegam-myeon, Yongin-si 449-863, Gyeonggi-do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHO, Hyeong Ki [KR/KR]; 633-2 Goan-ri, Baegam-myeon, Yongin-si 449-863, Gyeonggi-do (KR).

(74) JANG, Seong, Ku; 17th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F

(11) WO 03/088278 (13) A2

(21) PCT/US03/11007

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/372,722 11 Apr/avr 2002 US
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SHEAR FORCE LEVITATOR AND
LEVITATED RING ENERGY STOR-
AGE DEVICE• LEVITATEUR A FORCE DE CISAILLE-
MENT ET DISPOSITIF DE STOCKAGE
D'ENERGIE A ANNEAU LEVITE(71) MAGTUBE, INC [US/US]; 5735 Hollister
Avenue, Suite B, Goleta, CA 93117 (US).(72) FISKE, Orlo, James; 7835 Wagon Wheel
Drive, Goleta, CA 93117 (US). CHEN,
Chen; 4817 San Gordiano Avenue #D, Santa
Barbara, CA 93111 (US). RICCI, Michael,
Richard; 172 Donegal, Newbury Park, CA
91320 (US). PADEN, Bradley, Evan; 861
Windsor Court, Santa Barbara, CA 93111
(US).(74) RITTMASER, Ted, R.; Foley & Lardner,
35th Floor, 2029 Century Park East, Los An-
geles, CA 90067-3021 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H01F 1/055, 1/057, 1/058, 1/059

(11) WO 03/088279 (13) A1

(21) PCT/US03/07747

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/118,833 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BONDED PERMANENT MAGNETS

• AIMANTS PERMANENTS COLLES

(71) THE ELECTRODYNE COMPANY, INC.
[US/US]; 4188 Taylor Road, Batavia, OH
45103 (US).(72) BLUME, Walter Scott; 550 Hamblin Drive,
Cincinnati, OH 45255 (US).(74) DAVIDSON, Kristi, L.; Wood, Herron &
Evans, L.L.P., 2700 Carew Tower, Cincinnati,
OH 45202 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H01F 1/057

(11) WO 03/088280 (13) A1

(21) PCT/IN02/00104

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR THE PRODUCTION OF
NEODYMIUM-IRON-BORON PERMA-
NENT MAGNET ALLOY POWDER• PROCEDE DE FABRICATION DE
POUDRE D'ALLIAGE D'AIMANT
PERMANENT DE FER AU NEODYME
ET DE BORE(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).(72) RAO, Patcha, Ramachandra; National
Metallurgical Laboratory, Jamshedpur, Jhark-
hand (IN). RAO, Venkatesh; National Met-
allurgical Laboratory, Jamshedpur, Jharkhand
(IN). SINHA, Arvind; National Metallurgi-
cal Laboratory, Jamshedpur, Jharkhand (IN).(74) HARIHARAN, Subramaniam et al. / etc.;
Subramaniam, Nataraj & Associates, E-556
Greater Kailash II, New Delhi 110 048 (IN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ H01F 1/20

(11) WO 03/088281 (13) A1

(21) PCT/KR03/00644

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ko (26) en

(30) 10-2002-0020103 12 Apr/avr 2002 KR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF MANUFACTURING
SOFT MAGNETIC POWDER AND IN-
DUCTOR USING THE SAME• PROCEDE DE FABRICATION DE
POUDRE MAGNETIQUE DOUCE
ET INDUCTEUR UTILISANT CETTE
POUDRE(71) HUMANELECS CO., LTD. [KR/KR];
48-8, Munpyeong-dong, Daedeok-gu, Dae-
jeon 306-220 (KR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KIM, Kyu-Jin [KR/KR]; 708-1404,
Yeolmaeacul-Apt, 919, Jijok-dong,Yuseong-gu, Daejeon 305-770 (KR). PARK,
Jin-Young [KR/KR]; 109-405, Sejong-Apt,
462-5, Jeonmin-dong, Yuseong-gu, Daejeon
305-728 (KR).(74) PARK, Hyeong-Keun; 1F., Namkyung
Bldg., 769-6, Yeoksam 2-dong., Gang-
nam-gu, Seoul 135-928 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H01F 5/00

(11) WO 03/088282 (13) A1

(21) PCT/KR03/00744

(22) 12 Apr/avr 2003 (12.04.2003)

(25) ko (26) en

(30) 10-2002-0019934 12 Apr/avr 2002 KR
(12.04.2002)(30) 10-2003-0023238 12 Apr/avr 2003 KR
(12.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENAMELED WIRE HAVING MAG-
NETIC RELUCTANCE PROPER-
TIES AND PREPARATION METHOD
THEREOF, AND COIL USING THE
SAME AND PREPARATION METHOD
THEREOF• FIL EMAILLE A RESISTANCE MA-
GNETIQUE ET PROCEDE DE FABRI-
CATION ASSOCIE, ENROULEMENT
CONSTITUE DE CE FIL ET PROCEDE
DE FABRICATION ASSOCIE(71, 72) YOON, Jongso [KR/KR]; #406, Inhyang
Apt., 191-1, Kamsok-2-dong, Namdong-gu,
405-803 Incheon (KR).(74) KIM, Inhan; 6th Floor, Kyungmin Bldg.,
18-3, Jamwon-dong, Seocho-gu, Seoul
137-903 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H01F 10/32, H03F 15/00, H04B 1/38

(11) WO 03/088283 (13) A1

(21) PCT/US03/11192

(22) 10 Apr/avr 2003 (10.04.2003)

- (25) en (26) en
- (30) 60/372,712 **11 Apr/avr 2002** US
(11.04.2002)
- (30) 10/411,073 **9 Apr/avr 2003** US
(09.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • TRANSPINNOR-BASED TRANSMISSION LINE TRANSCIEVERS AND APPLICATIONS
- EMETTEUR-RECEPTEUR DE LIGNE DE TRANSMISSION, A BASE DE DISPOSITIF A L'ETAT SOLIDE ENTIEREMENT METALLIQUE ET APPLICATIONS ASSOCIEES
- (71) INTEGRATED MAGNETOELECTRONICS CORPORATION [US/US]; 1214 Oxford Street, Berkeley, CA 94709 (US).
- (72) NUSPL, Stephen, J.; 1640 Briardale Road, N.E., Fridley, MN 55432 (US). WUORI, Edward; 5613 St. Steven Street, Saint Paul, MN 55112 (US). TOROK, James, E.; 860 Country Road, IW, Shoreview, MN 55126 (US).
- (74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ H01F 17/00
- (11) WO 03/088284 (13) A1
- (21) PCT/JP03/04599
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) ja (26) ja
- (30) 2002-113857 **16 Apr/avr 2002** JP
(16.04.2002)
- (30) 2003-87963 **27 Mar/mar 2003** JP
(27.03.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRONIC COMPONENT
- COMPOSANT ELECTRONIQUE
- (71) MURATA MANUFACTURING CO., LTD. [JP/JP]; 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Tadashi [JP/JP]; c/o MURATA MANUFACTURING CO., LTD., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 27/28

- (11) WO 03/088285 (13) A1
- (21) PCT/CH03/00246
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/372,279 **12 Apr/avr 2002** US
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LOW PROFILE MAGNETIC ELEMENT
- ELEMENT MAGNETIQUE DE FORME RAMASSEE
- (71) ASCOM ENERGY SYSTEMS AG [CH/CH]; Belpstrasse 37, CH-3000 Bern 14 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JITARU, Ionel, Dan [US/US]; 2378 North Sun Lake Place, Tucson, AZ 85711 (US). DAVILA, Marco, A. [US/US]; 4754 N. Coop Canyon Place, Tucson, AZ 85750 (US).
- (74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01G

- (11) WO 03/088286 (13) A2
- (21) PCT/IL03/00308
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 60/373,415 **16 Apr/avr 2002** US
(16.04.2002)
- (30) 10/314,088 **6 Dec/déc 2002** US
(06.12.2002)
- (30) 60/442,948 **27 Jan/jan 2003** US
(27.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTRO-OPTICAL CIRCUITRY HAVING INTEGRATED CONNECTOR AND METHODS FOR THE PRODUCTION THEREOF
- CIRCUITS OPTOELECTRONIQUES PRESENTANT UN CONNECTEUR ET LEURS PROCÉDES DE PRODUCTION
- (71) XLOOM PHOTONICS LTD. [IL/IL]; 11 Derech Hashalom, 67892 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BADEHI, Avner [IL/IL]; Nataf 66, 90804 Mobile Post Harci Yehuda (IL).

ROCKMAN, Sylvie [IL/IL]; 24/A Ben Gurion Avenue, 30900 Zichron Ya'akov (IL).

- (74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01G 9/02, 9/028

- (11) WO 03/088287 (13) A1
- (21) PCT/JP03/04025
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (30) 2002-92614 **28 Mar/mar 2002** JP
(28.03.2002)
- (30) 2002-286210 **30 Sep/sep 2002** JP
(30.09.2002)
- (30) 2002-286213 **30 Sep/sep 2002** JP
(30.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SOLID ELECTROLYTIC CAPACITOR AND PROCESS FOR PRODUCING THE SAME
- CONDENSATEUR ELECTROLYTIQUE SOLIDE ET SON PROCÉDE DE FABRICATION
- (71) NIPPON CHEMI-CON CORPORATION [JP/JP]; 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANZAI, Naoki [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). AIZAWA, Shogo [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). MATSUZAKI, Tomohiro [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). FUKUI, Norihito [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). YOSHIZAWA, Atsushi [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). ITOH, Hidehiko [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). YAMADA, Atsushi [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). ABE, Katsumi [JP/JP]; c/o Nippon Chemi-con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP).
- (74) KIUCHI, Mitsuharu; 5th Floor Toranomon-Yoshiara Bldg., 6-13, Nishi-Shinbashi, 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01H

(11) WO 03/088288 (13) A2

(21) PCT/EP03/03877

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) MI2002A000789 12 Apr/avr 2002 IT (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELEMENT FOR CONNECTING A FLEXIBLE CONDUCTOR AND METHOD FOR CONNECTING A FLEXIBLE CONDUCTOR TO A CONNECTION TERMINAL

• ELEMENT POUR CONNECTER UN CONDUCTEUR SOUPLE ET PROCÉDE POUR CONNECTER UN CONDUCTEUR SOUPLE A UNE BORNE DE BRANCHEMENT

(71) ABB SERVICE S.R.L. [IT/IT]; Viansuonati, I, I-20135 Milano (IT).

(72, 75) MAURA, Massimo [IT/IT]; Via Colle San Sebastiano, 55, I-03023 Ceccano (IT). GAMBÀ, Federico [IT/IT]; Via Pescaria, 7/B, I-24123 Bergamo (IT).

(74) GIAVARINI, Francesco; Zanolì & Giavarini S.r.l., Viale Bianca Maria, 35, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01H

(11) WO 03/088289 (13) A2

(21) PCT/US03/11220

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,732 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DUAL THRESHOLD VOLTAGE AND LOW SWING DOMINO LOGIC CIRCUITS

• CIRCUITS LOGIQUES DOMINO A DOUBLE TENSION DE SEUIL ET FAIBLE BALANCEMENT

(71) UNIVERSITY OF ROCHESTER [US/US]; 518 Hylan Building, Rochester, NY 14627 (US).

(72) KURSUN, Volkan; 60 Crittenden Boulevard, Apt. 440, Rochester, NY 14620 (US). FRIEDMAN, Eby, G.; 393 Antlers Drive, Rochester, NY 14618 (US).

(74) GREENBAUM, Michael, C.; BLANK ROME LLP, 900 17th Street, N.W., Suite 1000, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 33/66

(11) WO 03/088290 (13) A1

(21) PCT/JP02/03689

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VACUUM VALVE
• TUBE ELECTRONIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAZAWA, Hiroshi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SATOU, Toshifumi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). UENUSHI, Masashi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SANO, Kouji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN ID IN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01H 33/66

(11) WO 03/088291 (13) A1

(21) PCT/NL03/00267

(22) 9 Apr/avr 2003 (09.04.2003)

(25) nl (26) en

(30) 1020347 9 Apr/avr 2002 NL (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CERMIC TUBE FOR VACUUM CIRCUIT BREAKER

• TUBE CERAMIQUE POUR COUPE-CIRCUIT A VIDE

(71) HOLEC HOLLAND N.V. [NL/NL]; Europalaan 202, NL-7559 SC Hengelo (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEUSENKAMP, Martin, Bernardus, Johannes [NL/NL]; Kalmarstraat 44, NL-7559 JA Hengelo (NL). HILDERINK, Johannes, Hermannus, Laurentius, Antonius [NL/NL]; Munsterdijk 23A, NL-7481 SJ Haaksbergen (NL).

(74) VAN WESTENBRUGGE, Andries; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 71/14

(11) WO 03/088292 (13) A1

(21) PCT/GB03/01470

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0208175.0 9 Apr/avr 2002 GB (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MICROENGINEERED SELF-RELEASING SWITCH

• MICRO-INTERRUPTEUR A DECLENCHEMENT AUTOMATIQUE

(71) MICROSALIC SYSTEMS LIMITED [GB/GB]; Department of Electrical and Electronic Engineering, Imperial College, Exhibition Road, London SW7 2BT (GB).

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(72, 75) YEATMAN, Eric [GB/GB]; 46a Prince of Wales Drive, London SW11 4SF (GB).

(74) MOORE, Barry et al. / etc.; Hanna Moore & Curley, 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J
(11) WO 03/088293 (13) A2
(21) PCT/IB03/01282
(22) 14 Apr/avr 2003 (14.04.2003)
(25) en (26) en
(30) 102 16 454.1 12 Apr/avr 2002 DE (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • LAMP HAVING AN INNER AND AN OUTER VESSEL
• LAMPE COMPRENANT UNE AMPOULE INTERNE ET UNE AMPOULE EXTERNE
(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
(72, 75) GILLES, Herbert [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 9/26, 9/32, 9/395
(11) WO 03/088295 (13) A1
(21) PCT/US02/11053
(22) 9 Apr/avr 2002 (09.04.2002)
(25) en (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • HIGH INTENSITY DISCHARGE LAMPS, ARC TUBES AND METHODS OF MANUFACTURE
• LAMPES A DECHARGE D'INTENSITE ELEVEE, TUBES A ARC ET PROCEDES DE FABRICATION ASSOCIES
(71) ADVANCED LIGHTING TECHNOLOGIES, INC. [US/US]; 32000 Aurora Road, Solon, OH 44139 (US).
(72) LAMOURI, Abbas; 21941 Marian Circle, Fairview Park, OH 44126 (US). SULCS, Juris; 16575 Heatherwood Lane, Chagrin Falls, OH 94928 (US). GU, Yongwei; 7207 Longview Drive, Solon, OH 44139 (US).
(74) ENGLISH, Joseph, D.; Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, DC 20006 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 9/42, 29/86, 31/10
(11) WO 03/088296 (13) A1
(21) PCT/JP03/04752
(22) 14 Apr/avr 2003 (14.04.2003)
(25) ja (26) ja
(30) 2002-115535 17 Apr/avr 2002 JP (17.04.2002)
(30) 2003-104392 8 Apr/avr 2003 JP (08.04.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • CATHODE RAY TUBE-USE GLASS PANEL AND INSPECTION METHOD THEREFORE AND INSPECTION DEVICE THEREFOR
• TUBE CATHODIQUE A PANNEAU EN VERRE, PROCEDE ET DISPOSITIF D'INSPECTION ASSOCIES
(71) NIPPON ELECTRIC GLASS CO., LTD. [JP/JP]; 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP).
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(72, 75) AKIYAMA, Shigehiko [JP/JP]; c/o NIPPON ELECTRIC GLASS CO., LTD., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP). KIRIHATA, Yoshio [JP/JP]; c/o NIPPON ELECTRIC GLASS CO., LTD., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP). MIKUNI, Takashi [JP/JP]; c/o NIPPON ELECTRIC GLASS CO., LTD., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP). KUBOSAKA, Mamoru [JP/JP]; c/o NIPPON ELECTRIC GLASS CO., LTD., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP).
(74) EHARA, Syogo et al. / etc.; Ehara Patent Office, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
(81) CN KR US.
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- (51)⁷ H01J 11/02
(11) WO 03/088297 (13) A1
(21) PCT/JP02/03844
(22) 17 Apr/avr 2002 (17.04.2002)
(25) ja (26) ja
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SURFACE DISCHARGE PLASMA DISPLAY PANEL
• PANNEAU D'AFFICHAGE A PLASMA A DECHARGE DE SURFACE
(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HARADA, Shigeki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SANO, Kou [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YURA, Shinsuke [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(74) YOSHIDA, Shigeaki et al. / etc.; 10th Floor, Sumitomo-seimei OBP Plaza Bldg., 4-70, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
(81) JP KR US.
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- (51)⁷ H01J 11/02
(11) WO 03/088298 (13) A1
(21) PCT/JP03/04899

- (22) 17 Apr/avr 2003 (17.04.2003)
(25) ja (26) ja
(30) 2002-115855 18 Apr/avr 2002 JP
(18.04.2002)
(30) 2002-115856 18 Apr/avr 2002 JP
(18.04.2002)
(30) 2002-115857 18 Apr/avr 2002 JP
(18.04.2002)
(30) 2002-115858 18 Apr/avr 2002 JP
(18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
(54) • PLASMA DISPLAY
• ECRAN A PLASMA
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJITANI, Morio [JP/JP]; 17-7, Hiyoshidaisanban-cho, Takatsuki-shi, Osaka 569-1022 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01J 27/00
(11) WO 03/088299 (13) A2
(21) PCT/GB03/01222
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 10/119,290 10 Apr/avr 2002 US
(10.04.2002)
(30) 10/251,780 23 Sep/sep 2002 US
(23.09.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
(54) • A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD
• PROCEDE D'IMPLANTATION D'UN SUBSTRAT ET IMPLANTEUR IONIQUE PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (71) CROSS, Rupert, Edward, Blount [GB/GB]; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
(only for / seulement pour LR)
- (72) MURRELL, Adrian; 3 Lambs Farm Road, Horsham, West Sussex RH12 4BS (GB). HARRISON, Bernard; 16 Newlands Park, Copthorpe, West Sussex RH10 3EW (GB). EDWARDS, Peter; 6 Foxwood, Kingsfold, West Sussex RH12 3ST (GB). KINDER-SLEY, Peter; Tower Cottage, Tower Hill, Horsham, West Sussex RH13 7JT (GB). SAKASE, Takao; 27 Green Needle Lane, Rowley, MA 01938 (US). FARLEY, Marvin; 16 Mill Road, Ipswich, MA 01938 (US). SATOH, Shu; 11 Larkin Road, Byfield, MA 01922 (US). RYDING, Geoffrey; 30 Masconomo Street, Manchester, MA 01944 (US).
- (74) CROSS, Rupert, Edward, Blount et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 31/12, 29/87, 9/24
(11) WO 03/088300 (13) A1
(21) PCT/JP03/04109
(22) 31 Mar/mar 2003 (31.03.2003)
(25) ja (26) ja
(30) 2002-101575 3 Apr/avr 2002 JP
(03.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
(54) • IMAGE DISPLAY APPARATUS AND ITS MANUFACTURING METHOD
• APPAREIL D'AFFICHAGE D'IMAGES ET PROCEDE DE FABRICATION
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKENAKA, Shigeo [JP/JP]; 1710-19, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). NIKAI, Masaru [JP/JP]; 2-28-9, Awata, Yokosuka-shi, Kanagawa 239-0845 (JP). OYAI, Satoko [JP/JP]; 304, Shatore-Yamanote, 3012-4, Uwanodai, Fukaya-shi, Saitama 366-0801 (JP). ISHIKAWA, Satoshi [JP/JP]; 201, Erenshia, 17-15, Inaricho 1-chome, Fukaya-shi, Saitama 366-0026 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
(84) EP (DE FR GB IT NL).
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- (51)⁷ H01J 31/12, 9/20, 9/24
(11) WO 03/088301 (13) A1
(21) PCT/JP03/04110
(22) 31 Mar/mar 2003 (31.03.2003)
(25) ja (26) ja
(30) 2002-114981 17 Apr/avr 2002 JP
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
(54) • IMAGE DISPLAY AND METHOD FOR MANUFACTURING THE SAME
• ECRAN D'AFFICHAGE D'IMAGES ET PROCEDE DE FABRICATION
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKENAKA, Shigeo [JP/JP]; 1710-19, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). NIKAI, Masaru [JP/JP]; 2-28-9, Awata, Yokosuka-shi, Kanagawa 239-0845 (JP). OYAI, Satoko [JP/JP]; 304, Shatore-Yamanote, 3012-4, Uwanodai, Fukaya-shi, Saitama 366-0801 (JP). ISHIKAWA, Satoshi [JP/JP]; 201, Erenshia, 17-15, Inaricho 1-chome, Fukaya-shi, Saitama 366-0026 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
(84) EP (DE FR GB IT NL).
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- (51)⁷ H01J 37/00
(11) WO 03/088303 (13) A2
(21) PCT/GB03/01221
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 10/119,290 10 Apr/avr 2002 US
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
(54) • MULTI-DIRECTIONAL SCANNING OF MOVABLE MEMBER AND ION

BEAM MONITORING ARRANGEMENT THEREFOR

- BALAYAGE MULTIDIRECTIONNEL D'ELEMENT MOBILE ET DISPOSITIF DE SURVEILLANCE DE FAISCEAU IONIQUE ASSOCIE

(71) **APPLIED MATERIALS INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(71) **CROSS, Rupert, Edward, Blount** [GB/GB]; Verulum Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
(only for / seulement pour LR)

(72) **SMICK, Theodore, H.**; 31 Lufkin Point Road, Essex, MA 01929 (US). **SAKASE, Takao**; 27 Green Needle Lane, Rowley, MA 01969 (US). **ROBERTS, Frank, D.**; 2 Park Street East, North Reading, MA 01864 (US). **RYDING, Geoffrey**; 30 Masconomo Street, Manchester, MA 01944 (US). **FARLEY, Marvin**; 16 Mill Road, Ipswich, MA 01938 (US). **MURRELL, Adrian**; 3 Lambs Farm Road, Horsham, West Sussex RG12 4BS (GB). **EDWARDS, Peter**; 6 Foxwood, Kingsfold, West Sussex (GB). **HARRISON, Bernard**; 16 Newlands Park, Copthorpe, West Sussex RH10 3EW (GB).

(74) **CROSS, Rupert, Edward, Blount et al.** / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 37/32

(11) WO 03/088304 (13) A1

(21) PCT/US03/11019

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/122,271 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PLASMA PROCESSING CHAMBER HAVING MAGNETIC ASSEMBLY AND METHOD

- CHAMBRE DE TRAITEMENT DU PLASMA DOTÉE D'UN ASSEMBLAGE MAGNETIQUE ET SON PROCÉDÉ

(71) **APPLIED MATERIALS, INC.** [US/US]; (A Corporation of Delaware), P.O. Box 450 A, Santa Clara, CA 95052 (US).

(72) **WU, Robert, W.**; 3112 Paseo Granada, Pleasanton, CA 94566 (US). **CHENG, Wing, L.**; 1665 Lachine Drive, Sunnyvale, CA 94087 (US). **WANG, You**; 10330 N. Foothill Road #A25, Cupertino, CA 95014 (US). **THACH, Senh**; 32257 Jean Drive, Union City, CA 94587 (US). **NOOR-BAKSH, Hamid**; 40327 Canyon Heights

Drive, Fremont, CA 94539 (US). **WONG, Kwok, Manus**; 1636 Larkin Avenue, San Jose, CA 95129 (US). **SUN, Jennifer, Y.**; 9964 Alpine Terrace, Sunnyvale, CA 94086 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 17th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H01J 49/42

(11) WO 03/088305 (13) A1

(21) PCT/CA03/00477

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,205 5 Apr/avr 2002 US (05.04.2002)

(30) 10/310,003 4 Dec/déc 2002 US (04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FRAGMENTATION OF IONS BY RESONANT EXCITATION IN A HIGH ORDER MULTIPOLE FIELD, LOW PRESSURE ION TRAP

- FRAGMENTATION D'IONS PAR EXCITATION RESONANTE DANS UN CHAMP MULTIPOLE DE RANG SUPERIEUR, ET PIEGE D'IONS BASSE PRESSION

(71) **MDS INC., DOING BUSINESS AS MDS SCIEX** [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

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(72, 75) **LONDRY, Frank** [CA/CA]; 2560 Country Road 11, RR#5, Peterborough, Ontario K9J 6X6 (CA). **COLLINGS, Bruce, A.** [CA/CA]; 2 Hudson Crescent, Bradford, Ontario L3Z 2J2 (CA). **STOTT, William, R.** [CA/CA]; 5220, 15th Side Road, King City, Ontario L7B 1K4 (CA).

(74) **TORYS LLP** et al. / etc.; Maritime Life Tower, Suite 3000, 79 Wellington St. W., Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 49/42

(11) WO 03/088306 (13) A1

(21) PCT/CA03/00478

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,205 5 Apr/avr 2002 US (05.04.2002)

(30) 10/310,000 4 Dec/déc 2002 US (04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FRAGMENTATION OF IONS BY RESONANT EXCITATION IN A LOW PRESSURE ION TRAP

- FRAGMENTATION DES IONS PAR EXCITATION RESONANTE DANS UN PIEGE A IONS BASSE PRESSION

(71) **MDS INC., DOING BUSINESS AS MDS SCIEX** [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LONDRY, Frank** [CA/CA]; 2560 Country Road 11, RR#5, Peterborough, Ontario K9J 6X6 (CA). **COLLINGS, Bruce, A.** [CA/CA]; 2 Hudson Crescent, Bradford, Ontario L3Z 2J2 (CA). **STOTT, William, R.** [CA/CA]; 5220, 15th Side Road, King City, Ontario L7B 1K4 (CA).

(74) **TORYS LLP** et al. / etc.; Maritime Life Tower, Suite 3000, 79 Wellington St. W., Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 61/04

(11) WO 03/088307 (13) A1

(21) PCT/SE03/00548

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 0201096-5 11 Apr/avr 2002 SE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HOMOGENEOUS CATHODE UNIT

- UNITE CATHODE HOMOGENE

(71) **AURALIGHT INTERNATIONAL AB** [SE/SE]; P.O. Box 508, S-371 23 Karlskrona (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AXELSSON, Folke** [SE/SE]; Brofästet Senoren, S-373 02 Ramdala (SE). **OLSSON, Patrik** [SE/SE]; Havamalsväg 7, S-372 02 Ramdala (SE). **SEVERINSSON, Mikael** [SE/SE]; Sandvägen 4, S-370 30 Rödeby (SE).

(74) **ALBIHNS STOCKHOLM AB** et al. / etc.; P.O. Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 63/06

(11) WO 03/088308 (13) A1

(21) PCT/RU02/00175

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ru (26) ru

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CATHODOLUMINESCENT LIGHT SOURCE
• SOURCE LUMINEUSE A LUMINESCENCE CATHODIQUE

(71, 72) OBRATZSOV, Alexandr Nikolaevich [RU/RU]; Yaroslavskoe shosse, 120-2-192, Moscow, 129337 (RU).

(74) DEMENTIEV Vladimir Nikolaevich; Prechistensky per., 14-1, Moscow, 119034 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01K

(11) WO 03/088309 (13) A2

(21) PCT/EP03/03963

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 17 011.8 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EMITTER FOR INFRARED RADIATION OF BIOLOGICAL MATERIAL
• EMETTEUR DE RAYONNEMENT INFRAROUGE DESTINE A DES MATIERES BIOLOGIQUES

(71) IBT INFRABIO TECH GMBH [DE/DE]; Am St. Niclas Schacht 13, 09599 Freiberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETER, John [DE/DE]; Wohnpark Gentille 39g, 09599 Freiberg (DE).

(74) HÖRSCHLER, Wolfram; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/088310 (13) A2

(21) PCT/DE03/01281

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 16 838.5 16 Apr/avr 2002 DE (16.04.2002)

(30) 102 22 679.2 22 May/mai 2002 DE (22.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUBSTRATE AND METHOD FOR PRODUCING A SUBSTRATE
• SUBSTRAT ET PROCEDE DE PRODUCTION D'UN SUBSTRAT

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) HOFMANN, Franz [DE/DE]; Herbergstr. 25B, 80995 München (DE).
LUYKEN, Richard, Johannes [DE/DE]; Böcklerweg 28, 81825 München (DE).
RÖSNER, Wolfgang [DE/DE]; Sudetenstr. 23, 85521 Ottobrunn (DE).
SPECHT, Michael [DE/DE]; Schraudolphstr. 42, 80799 München (DE).
STÄDELE, Martin [DE/DE]; Ostpreussenstr. 6, 85521 München (DE).

(74) VIERING, Hans-Martin; Viering, Jentschura & Partner, Steinsdorfstr. 6, 80538 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L

(11) WO 03/088311 (13) A1

(21) PCT/IB03/01311

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 02076497.3 17 Apr/avr 2002 EP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA COMMUNICATION BUS
• COMMUNICATION DE DONNEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSSI, Daniele [IT/IT]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
KLEIHORST, Richard, P. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
NIEUWLAND, Andre, K. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN DIJK, Victor, E., S. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L

(11) WO 03/088312 (13) A2

(21) PCT/US02/22171

(22) 11 Jul/juil 2002 (11.07.2002)

(25) en (26) en

(30) 009/927,027 9 Aug/août 2001 US (09.08.2001)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUPERJUNCTION DEVICE WITH IMPROVED AVALANCHE CAPABILITY AND BREAKDOWN VOLTAGE
• DISPOSITIF A SUPERJONCTION AUX QUALITES D'EFFET D'AVANCHE ET DE TENSION DE RUPTURE AMELIOREES

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) ZHOU, Ming; 4402 Spence Street, Torrance, CA 90503 (US).

(74) WEINER, Samuel, H. et al. / etc.; Ostrotenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	Square, 10th Floor, Stamford, CT 06901 (US).	(30) 60/387,826 8 Jun/juin 2002 US (08.06.2002)
(51) ⁷ H01L	(81) JP KR SG.	(30) 60/398,316 24 Jul/juil 2002 US (24.07.2002)
(11) WO 03/088313 (13) A2	(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).	(43) 23 Oct/oct 2003 (23.10.2003)
(21) PCT/US03/10588	(51) ⁷ H01L	(54) • ELECTROPOLISHING AND ELECTROPLATING METHODS
(22) 7 Apr/avr 2003 (07.04.2003)	(11) WO 03/088315 (13) A2	• PROCEDES D'ELECTROPOLISSAGE ET D'ELECTRODEPOSITION
(25) en (26) en	(21) PCT/US03/11153	(71) ACM RESEARCH, INC. [US/US]; Suite 610, 46520 Fremont Boulevard, Fremont, CA 94538 (US).
(30) 60/371,056 9 Apr/avr 2002 US (09.04.2002)	(22) 10 Apr/avr 2003 (10.04.2003)	(for all designated States except / pour tous les États désignés sauf US)
(30) 10/407,831 4 Apr/avr 2003 US (04.04.2003)	(25) en (26) en	(72, 75) WANG, Hui [US/US]; 340 Jacaranda Drive, Fremont, CA 94539 (US). WANG, Jian [CN/US]; 39960 E. Las Pañas Court, Fremont, CA 94539 (US). YIH, Peihaur [CN/US]; 8 Alpine Road, Boonton, NJ 07005 (US). WU, Huiquan [CN/US]; 12209 Village Square Terrace Apt.202, Rockville, MD 20852 (US).
(43) 23 Oct/oct 2003 (23.10.2003)	(30) 60/372,525 11 Apr/avr 2002 US (11.04.2002)	(74) YIM, Peter, J. et al. / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).
(54) • IMPROVED METHOD FOR ETCHING VIAS	(43) 23 Oct/oct 2003 (23.10.2003)	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
• PROCEDE AMELIORE DE GRAVURE DE TROUS D'INTERCONNEXION	(54) • THERMALLY CONDUCTIVE COATING COMPOSITIONS, METHODS OF PRODUCTION AND USES THEREOF	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(71) UNAXIS USA, INC. [US/US]; 10050 16th Street North, St. Petersburg, FL 33718 (US).	• COMPOSITIONS DE REVETEMENT THERMOCONDUCTEUR, PROCEDES DE PRODUCTION ET UTILISATIONS ASSOCIEES	(51) ⁷ H01L
(72) WESTERMAN, Russell; 12629 96th Street, Largo, FL 33733 (US). JOHNSON, David, J.; 920 Belted Kingfisher Drive, Palm Harbor, FL 34683 (US).	(71) HONEYWELL INTERNATIONAL INC. [US/US]; P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). (for all designated States except / pour tous les États désignés sauf US)	(11) WO 03/088317 (13) A2
(74) KAUGET, Harvey, S. et al. / etc.; Holland & Knight LLP, 100 N. Tampa Street, Suite 4100, Tampa, FL 33602-3644 (US).	(72, 75) ZHOU, Xiao-Qi [CN/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). KNOLL, Paula M. [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).	(21) PCT/US03/12662
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.	(74) THOMPSON, Sandra Poteat; Riordan & McKinzie, 600 Anton Blvd., 18th Floor, Costa Mesa, CA 92626 (US).	(22) 8 Apr/avr 2003 (08.04.2003)
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.	(25) en (26) en
(51) ⁷ H01L	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 10/119,584 10 Apr/avr 2002 US (10.04.2002)
(11) WO 03/088314 (13) A2	(51) ⁷ H01L	(43) 23 Oct/oct 2003 (23.10.2003)
(21) PCT/US03/10874	(11) WO 03/088316 (13) A2	(54) • THERMAL ELECTRIC GENERATOR
(22) 9 Apr/avr 2003 (09.04.2003)	(21) PCT/US03/11417	• GENERATEUR THERMOELECTRIQUE
(25) en (26) en	(22) 11 Apr/avr 2003 (11.04.2003)	(71, 72) GUEVARA, Hector, M. [US/US]; 27 Nicole Court, Bohemia, NY 11716 (US).
(30) 60/372,330 12 Apr/avr 2002 US (12.04.2002)	(25) en (26) en	(74) TUTUNJIAN, John, G.; Keusey, Tutunjian & Bitetto, PC., Suite 128, 14 Vanderventer Avenue, Port Washington, NY 11050 (US).
(43) 23 Oct/oct 2003 (23.10.2003)	(30) 60/372,263 12 Apr/avr 2002 US (12.04.2002)	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(54) • REMOTE MONITORING SYSTEM FOR CHEMICAL LIQUID DELIVERY	(30) 60/382,133 21 May/mai 2002 US (21.05.2002)	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE
• SYSTEME DE SURVEILLANCE ELOIGNEE POUR LIQUIDE CHIMIQUE		
(71) ARCH SPECIALTY CHEMICALS, INC. [US/US]; 501 Merritt 7, P.O.Box 5204, Norwalk, CT 06856-5204 (US).		
(72) BLATT, Christopher; 1312 28th Street, San Diego, CA 92102 (US). NAYFAH, Mustafa; 1150 Ranchero Way #60, San Jose, CA 95117 (US). WOLFE, Dan; 2242 S. Catarina Circle, Mesa, AZ 85202 (US). CLEEMPOT, Marc, Van; Passtraat 350, B-9100 Sint-Niklaas (BE).		
(74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 1 Landmark		

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) WO 03/088318 (13) A2
(21) PCT/US03/09501
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(30) 10/118,316 9 Apr/avr 2002 US (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD OF FABRICATING VERTICAL STRUCTURE LEDS
• PROCEDE DE FABRICATION DE DEL A STRUCTURE VERTICALE
(71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US).
(72) LEE, Jong-Lam; Faculty Housing E-1401, Jigok-dong 756, Nam-gu, P'ohang 790-784 (KR). JEONG, In-Kwon; 957 Greenwich Ave, Sunnyvale, CA 94087-1134 (US). YOO, Myung, Cheol; 6321 Camino Del Lago, Pleasanton, CA 94566 (US).
(74) RUDICH, Rebecca, Goldman et al. / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, DC 20006 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) WO 03/088319 (13) A2
(21) PCT/US03/09503
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(30) 10/118,318 9 Apr/avr 2002 US (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • METHOD OF ETCHING SUBSTRATES
• PROCEDE DE GRAVURE DE SUBSTRATS
(71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US).
(72) YEOM, Geun-Young; 112-901, Olympic Family Apt., Munjeong 2-dong, Songpa-gu, Seoul (KR). YOO, Myung, Cheol; 6321 Camino Del Lago, Pleasanton, CA 94566 (US). URBANEK, Wolfram; 960 Furlong Drive, San Jose, CA 95123 (US). SUNG, Youn-Joon; 1105-11, Dwanak Hyundai Apt., Pongchun-dong, Kwanak-gu, Seoul (KR). JEONG, Chang-Hyun; 62-2, Changjun-dong, Keumjung-gu, Pusan (KR). KIM, Kyong-Nam; 73-1, Byun-dong, Seo-gu, Daejeon (KR). KIM, Dong-Woo;

- 1210-101, Youngwoo Apt., Naeduk-dong, Sangdang-gu, Chungju, Chungbuk (KR).
(74) RUDICH, Rebecca, Goldman et al. / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, DC 20006 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) WO 03/088320 (13) A2
(21) PCT/US03/09504
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(30) 10/118,317 9 Apr/avr 2002 US (09.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • A METHOD OF FABRICATING VERTICAL DEVICES USING A METAL SUPPORT FILM
• PROCEDE DE FABRICATION DE DISPOSITIFS VERTICAUX AU MOYEN D'UN FILM SUPPORT METALLIQUE
(71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US).
(72) YOO, Myung, Cheol; 6321 Camino Del Lago, Pleasanton, CA 94566 (US).
(74) RUDICH, Rebecca, Goldman et al. / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, DC 20006 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/00
(11) WO 03/088321 (13) A2
(21) PCT/DE03/01063
(22) 1 Apr/avr 2003 (01.04.2003)
(25) de (26) de
(30) 102 16 284.0 12 Apr/avr 2002 DE (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • DEVICE AND METHOD FOR POSITIONING A PLATE-TYPE SUBSTRATE

- DISPOSITIF ET PROCEDE POUR POSITIONNER UN SUBSTRAT SOUS FORME DE PLAQUE
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) EISINGER, Dirk [DE/DE]; Gartenstr. 4, 76316 Malsch (DE). ZOLLER, Marc [DE/DE]; Mainstr. 22, 76199 Karlsruhe (DE).
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
(81) CN JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : CN JP KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement
(51)⁷ H01L 21/00
(11) WO 03/088322 (13) A2
(21) PCT/EP03/02748
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 02405316.7 18 Apr/avr 2002 EP (18.04.2002)
(30) 02078585.3 27 Aug/août 2002 EP (27.08.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • SEMICONDUCTOR DEVICE
• DISPOSITIF A SEMI-CONDUCTEURS
(71) INNOVATIVE SILICON SA [CH/CH]; PSE EPFL, CH-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FAZAN, Pierre, Christophe [CH/CH]; Avenue du Carroz 1, CH-1110 Morges (CH). OKHONIN, Serguei [CH/CH]; Avenue Jolimont 2, CH-1005 Lausanne (CH).
(74) VINSOME, Rex, Martin; Urquhart-Dykes & Lord, St. Nicholas Chambers, Amen Corner, Newcastle Upon Tyne NE1 1PE (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/00
(11) WO 03/088323 (13) A1
(21) PCT/EP03/03937
(22) 15 Apr/avr 2003 (15.04.2003)

- (25) de (26) de
- (30) 102 16 786.9 **15 Apr/avr 2002** DE
(15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR CONDITIONING SEMICONDUCTOR WAFERS AND/OR HYBRIDS
• PROCEDE ET DISPOSITIF POUR CONDITIONNER DES PLAQUETTES SEMI-CONDUCTRICES ET/OU DES HYBRIDES
- (71) ERS ELECTRONIC GMBH [DE/DE]; Stettiner Str. 3 + 5, 82110 Germering (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REITINGER, Erich [DE/DE]; Nymphenburger Strasse 90c, 80636 München (DE).
- (74) BARTH, Stephan; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstr. 31, 80801 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L 21/00
- (11) WO 03/088324 (13) A2
- (21) PCT/US03/11422
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 10/121,635 **11 Apr/avr 2002** US
(11.04.2002)
- (30) 10/366,103 **12 Feb/fév 2003** US
(12.02.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR WAFER CLEANING
• PROCEDE ET APPAREIL DE NETTOYAGE DE PLAQUETTE
- (71) APPLIED MATERIALS, INC. [US/US]; (a corporation of Delaware), P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) THAKUR, Randhir; 5261 Apennines Circle, San Jose, CA 95138 (US). VERHAVERBEKE, Steven; 139 Welsh Street, #10, San Francisco, CA 94107 (US). TRUMAN, J., Kelly; 2200 Bayo Claros Circle, Morgan Hill, CA 95037 (US).
- (74) BERNADICOU, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
- (81) CN JP KR SG.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01L 21/00, C23C 14/50, 16/458, C30B 25/12
- (11) WO 03/088325 (13) A1
- (21) PCT/US03/03196
- (22) 4 Feb/fév 2003 (04.02.2003)
- (25) en (26) en
- (30) 10/117,858 **8 Apr/avr 2002** US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • GAS DRIVEN PLANETARY ROTATION APPARATUS AND METHODS FOR FORMING SILICON CARBIDE LAYERS
• APPAREIL DE ROTATION PLANETAIRE A GAZ ET PROCEDES DE FORMATION DE COUCHES EN CARBURE DE SILICIUM
- (71) CREE, INC. [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAISLEY, Michael, James [US/US]; 1903 Ford Gates Drive, Garner, NC 27529-3732 (US). SUMAKERIS, Joseph, John [US/US]; 4412 Surry Ridge Circle, Apex, NC 27502 (US).
- (74) MYERS, BIGEL, SIBLEY & SAJOVEC; P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/00
- (11) WO 03/088326 (13) A2
- (21) PCT/US03/09806
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 10/118,073 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF LOADING A WAFER ONTO A WAFER HOLDER TO REDUCE THERMAL SHOCK
• PROCEDE DE CHARGEMENT DE TRANCHE SEMI-CONDUCTRICE SUR UN SUPPORT DE TRANCHE AFIN DE REDUIRE LES CHOCs THERMIQUES
- (71) ASM AMERICA, INC. [US/US]; 3440 East University Drive, Phoenix, AZ 85034-7200 (US).
- (72) KEETON, Tony, J.; 4859 E. Harmony, Mesa, AZ 85206 (US). STAMP, Michael,

- R.; 720 W. Hackberry, Chandler, AZ 85248 (US). HAWKINS, Mark, R.; 347 W. Oxford Lane, Gilbert, AZ 85233 (US).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01L 21/00
- (11) WO 03/088327 (13) A2
- (21) PCT/US03/09941
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (30) 10/117,692 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEPOSITION OF SILICON LAYERS FOR ACTIVE MATRIX LIQUID CRYSTAL DISPLAY (AMLCD) APPLICATIONS
• DEPOT DE COUCHES DE SILICIUM POUR APPLICATIONS D'ECRAN A CRISTAUX LIQUIDES A MATRICE ACTIVE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) LAW, Kam; 461 Riviera Drive, Union City, CA 94587 (US). SHANG, Quan Yuan; 21090 Canyon View Drive, Saratoga, CA 95070 (US). HARSHBARGER, William, Reid; 1641 Corte De Medea, San Jose, CA 95125 (US). MAYDAN, Dan; 1200 Murietta Lane, Los Altos, CA 94022 (US).
- (74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H01L 21/02
- (11) WO 03/088328 (13) A2
- (21) PCT/FR03/01245
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) fr (26) fr
- (30) 02/04782 **17 Apr/avr 2002** FR
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR PRODUCTION OF A CAPACITIVE STRUCTURE ABOVE A METALLISATION LEVEL OF AN ELECTRONIC COMPONENT
• PROCEDE DE FABRICATION D'UNE STRUCTURE CAPACITIVE REALISEE AU DESSUS D'UN NIVEAU DE METALLISATION D'UN COMPOSANT ELECTRONIQUE
- (72, 75) GIRARDIE, Lionel [FR/FR]; 1Bis, rue des Marronniers, F-38320 Eybens (FR).

(74) VUILLERMOZ, Bruno et al. / etc.; Cabinet LAURENT & CHARRAS, 20 Rue Louis Chirpaz, BP 32, F-69131 Ecully (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 1/08, 7/20

(11) WO 03/088329 (13) A1

(21) PCT/JP02/07342

(22) 19 Jul/juil 2002 (19.07.2002)

(25) ja (26) ja

(30) 2002-114425 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RETICLE AND OPTICAL CHARACTERISTIC MEASURING METHOD

• RETICULE ET PROCEDE DE MESURE DE CARACTERISTIQUE OPTIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIODE, Yoshihiro [JP/JP]; 16-9, Fujimigaoka 2-chome, Utsunomiya-shi, Tochigi 320-0011 (JP).

(74) YAMADA, Ryuichi; Toko International Patent Office, Hasegawa Bldg. 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01L 21/027, G03F 7/20, G02B 13/24, 1/02, 27/28, 17/08, 13/24, 1/02

(11) WO 03/088330 (13) A1

(21) PCT/JP03/04142

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-101096 3 Apr/avr 2002 JP (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROJECTION OPTICAL SYSTEM, EXPOSURE SYSTEM AND EXPOSURE METHOD

• SYSTEME OPTIQUE DE PROJECTION, SYSTEME D'EXPOSITION ET PROCEDE D'EXPOSITION

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OMURA, Yasuhiro [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). OZAWA, Toshihiko [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) YAMAGUCHI, Takao; Daiichi Bldg., 10, Kanda-tsukasa-cho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/20, 29/786

(11) WO 03/088331 (13) A1

(21) PCT/JP03/04717

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-112215 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMICONDUCTOR DEVICE HAVING SEMICONDUCTOR THIN-FILMS OF DIFFERENT CRYSTALLINITIES, SUBSTRATE THEREOF, PROCESS FOR PRODUCING THESE, LIQUID CRYSTAL DISPLAY UNIT AND PROCESS FOR PRODUCING THE SAME

• DISPOSITIF SEMI-CONDUCTEUR COMPRENANT DES FILMS MINCES SEMI-CONDUCTEURS DE DIFFERENTES CRISTALLINITES, SUBSTRAT D'UN TEL DISPOSITIF, SON PROCEDE DE PRODUCTION, UNITE D'AFFICHAGE A CRISTAUX LIQUIDES ET SON PROCEDE DE PRODUCTION

(71) ADVANCED LCD TECHNOLOGIES DEVELOPMENT CENTER CO., LTD. [JP/JP]; 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIMURA, Yoshinobu [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). MATSUMURA, Masakiyo [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

YAMAMOTO, Yoshitaka [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). NISHITANI, Mikihiro [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). HIRAMATSU, Masato [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(JP). JYUMONJI, Masayuki [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). NAKANO, Fumiki [JP/JP]; c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(51)⁷ H01L 21/205

(11) WO 03/088332 (13) A1

(21) PCT/JP03/04501

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-114804 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR FORMING SILICON EPITAXIAL LAYER

• PROCEDE DE FORMATION D'UNE COUCHE EPITAXIALE DE SILICIUM

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAMURA, Akitake [JP/JP]; c/o TOKYO ELECTRON LIMITED, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). OKA, Satoshi [JP/JP]; c/o Shin-Etsu Handotai Co., Ltd., Isobe R & D Cent, er, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/266

(11) WO 03/088333 (13) A1

(21) PCT/RU03/00171

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ru (26) ru

(30) 2002110168 18 Apr/avr 2002 RU (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING A VOLUME CONDUCTIVE AND/OR SEMI-CONDUCTIVE STRUCTURE

• PROCEDE DE FABRICATION D'UNE STRUCTURE TRIDIMENSIONNELLE CONDUCTRICE ET/OU SEMI-CONDUCTRICE

(71, 72) GUROVICH, Boris Aronovich [RU/RU]; ul. Zhivopisnaya, 36-1-86, Moscow, 123098 (RU). KULESHOVA, Evgenia Anatolievna [RU/RU]; ul. Zhivopisnaya, 36-1-86, Moscow, 123098 (RU). DOLGY, Dmitry Iosifovich [RU/RU]; Nemansky pr., 1-1-154, Moscow, 123181 (RU).

(74) **OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "PATENT-NOE AGENSTVO "VTSPU"**; ul. Mikhlukho-Maklaya, 55A, Moscow, 117279 (RU).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/285

(11) WO 03/088334 (13) A2

(21) PCT/US03/10928

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/118,864 9 Apr/avr 2002 US (09.04.2002)

(30) 10/119,631 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DEPOSITION OF GATE METALLIZATION AND PASSIVATION LAYERS FOR ACTIVE MATRIX LIQUID CRYSTAL DISPLAY (AMLCD) APPLICATIONS

• DEPOT DE METALLISATION DE GRILLE ET DE COUCHES DE PASSIVATION POUR APPLICATIONS D'ECRANS A CRISTAUX LIQUIDES A MATRICE ACTIVE (AMLCD)

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **LAW, Kam, S.**; 461 Riviera Drive, Union City, CA 94587 (US). **SHANG, Quan, Yuan**; 21090 Canyon View Drive, Saratoga, CA 95070 (US). **HARSHBARGER, William, Reid**; 1641 Corte De Medea, San Jose, CA 95125 (US). **MAYDAN, Dan**; 1200 Murietta Lane, Los Altos Hills, CA 94022 (US).

(74) **PATTERSON, B., Todd** et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) CN JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/304

(11) WO 03/088335 (13) A1

(21) PCT/JP03/04493

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-112752 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLISHING DEVICE AND SUBSTRATE PROCESSING DEVICE

• DISPOSITIF DE POLISSAGE ET DISPOSITIF DE TRAITEMENT DE SUBSTRATS

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKABAYASHI, Satoshi** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **TOGAWA, Tetsuji** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **KOSUGE, Ryuichi** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **ATO, Koji** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **SOTOZAKI, Hiroshi** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/304, B08B 3/02, H01L 21/30, 21/027, G03F 7/42, H05K 3/26

(11) WO 03/088336 (13) A1

(21) PCT/JP03/04750

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113545 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RESIST FILM REMOVING APPARATUS, METHOD OF REMOVING RESIST FILM, ORGANIC MATTER REMOVING APPARATUS AND METHOD OF REMOVING ORGANIC MATTER

• APPAREIL ET PROCEDE DE DECAPAGE DE LA RESERVE, APPAREIL ET PROCEDE DE DECAPAGE DE MATIERES ORGANIQUES

(71) **SIPEC CORPORATION** [JP/JP]; 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENDO, Tamio** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **SATO, Atsushi** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **AMANO, Yasuhiko** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **TAMURA, Tetsuji** [JP/JP]; c/o MITSUI ENGINEERING & SHIPBUILDING CO., LTD. TAMANO WORKS, 1-1, Tama 3-chome, Tamano-shi, Okayama 706-8651 (JP). **NISHIMURA, Naoyuki** [JP/JP]; c/o MITSUI ENGINEERING & SHIPBUILDING CO., LTD. TAMANO WORKS, 1-1, Tama 3-chome, Tamano-shi, Okayama

706-8651 (JP). **OHMI, Tadahiro** [JP/JP]; 1-17-301, Komegabukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0813 (JP). **YOKOI, Ikunori** [JP/JP]; c/o TOHOKU UNIVERSITY School of Engineering Department of Electronic Engineering, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-8579 (JP).

(74) **KOKUBUN, Takayoshi**; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/304, B08B 3/08, H01L 21/30, 21/027, G03F 7/42

(11) WO 03/088337 (13) A1

(21) PCT/JP03/04751

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113550 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RESIST REMOVING APPARATUS AND METHOD OF REMOVING RESIST

• APPAREIL ET PROCEDE DE DECAPAGE

(71) **SIPEC CORPORATION** [JP/JP]; 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENDO, Tamio** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **SATO, Atsushi** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **AMANO, Yasuhiko** [JP/JP]; c/o SIPEC CORPORATION, 7th Floor, Nissei Ohtsuka 3cho-me Bldg., 3-11-6, Ohtsuka, Bunkyo-ku, Tokyo 112-0012 (JP). **TAMURA, Tetsuji** [JP/JP]; c/o MITSUI ENGINEERING & SHIPBUILDING CO., LTD. TAMANO WORKS, 1-1, Tama 3-chome, Tamano-shi, Okayama 706-8651 (JP).

(74) **KOKUBUN, Takayoshi**; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/3065

(11) WO 03/088338 (13) A1

(21) PCT/JP03/03277

(22) 18 Mar/mar 2003 (18.03.2003)

(25) ja (26) ja

(30) 2002-115138 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PLASMA PROCESSING DEVICE AND PLASMA PROCESSING METHOD
• DISPOSITIF ET PROCÉDE DE TRAITEMENT AU PLASMA
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NONAKA, Ryu [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). KITANO, Masatoshi [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/31, 21/22, 21/324, C23C 16/46, F27B 5/10, F27D 1/00, 11/02, B60B 33/06, 33/08
- (11) WO 03/088339 (13) A1
- (21) PCT/JP02/12548
- (22) 29 Nov/nov 2002 (29.11.2002)
- (25) ja (26) ja
- (30) 2002/109921 12 Apr/avr 2002 JP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VERTICAL THERMAL TREATMENT EQUIPMENT
• ÉQUIPEMENT DE TRAITEMENT THERMIQUE VERTICAL
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KADOBE, Masato [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). NAKAO, Ken [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). YAMAGA, Kenichi [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01L 21/316, 21/311, 21/027
- (11) WO 03/088340 (13) A2
- (21) PCT/EP03/03884
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) de (26) de
- (30) 202 05 830.1 15 Apr/avr 2002 DE (15.04.2002)
- (30) 102 22 958.9 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 964.3 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 609.1 23 May/mai 2002 DE (23.05.2002)
- (30) 102 52 787.3 13 Nov/nov 2002 DE (13.11.2002)
- (30) 103 01 559.0 16 Jan/jan 2003 DE (16.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR THE PRODUCTION OF STRUCTURED LAYERS ON SUBSTRATES
• PROCÉDE DE FABRICATION DE COUCHES STRUCTURÉES SUR DES SUBSTRATS
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)
- (71) CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) LEIB, Jürgen [DE/DE]; Philipp-Dirr-Strasse 14, 85345 Freising (DE). BIECK, Florian [DE/DE]; Mozartstrasse 21, 55118 Mainz (DE). MUND, Dietrich [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE).
- (74) HERDEN, Andreas; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/316
- (11) WO 03/088341 (13) A1
- (21) PCT/JP03/04125
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (30) 2002-97845 29 Mar/mar 2002 JP (29.03.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR FORMING UNDERLYING INSULATION FILM
• PROCÉDE POUR CONSTITUER UN FILM ISOLANT SOUS-JACENT
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGAWARA, Takuya [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). TADA, Yoshihide [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). NAKAMURA, Genji [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). OZAKI, Shigenori [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP). NAKANISHI, Toshio [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP). SASAKI, Masaru [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP). MATSUYAMA, Seiji [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP). HASEBE, Kazuhide [JP/JP]; C/O TOKYO ELECTRON TOHOKU LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). NAKAJIMA, Shigeru [JP/JP]; C/O TOKYO ELECTRON TOHOKU LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). FUJIWARA, Tomonori [JP/JP]; C/O TOKYO ELECTRON TOHOKU LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/316, 21/205

(11) WO 03/088342 (13) A1

(21) PCT/JP03/04128

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-97921 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING MATERIAL OF ELECTRONIC DEVICE

• PROCEDE DE FABRICATION DE MATERIAU D'UN DISPOSITIF ELECTRONIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGAWARA, Takuya [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). TADA, Yoshhide [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). OHTA, Tomohiro [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/316, 21/312, C08J 9/26, C09D 183/04, 183/02

(11) WO 03/088343 (13) A1

(21) PCT/US02/15255

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NEW POROGENS FOR POROUS SILICA DIELECTRIC FOR INTEGRAL CIRCUIT APPLICATIONS

• NOUVEAUX POROGENES POUR DIELECTRIQUE EN SILICE POREUSE POUR APPLICATIONS SUR DES CIRCUITS INTEGRES

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; Patent Department, 101 Columbia Road, Morristown, NJ 07962-2245 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Victor, Y. [US/US]; 115 Peach Terrace, Santa Cruz, CA 95060 (US). LEUNG, Roger, Y. [US/US]; 1351 Rimrock Drive, San Jose, CA 95120 (US). DENG, Eric [CN/US]; 33288 Jamie Circle, Fremont, CA 94555 (US). XIE, Songyuan [CN/US]; 7326 Carter Avenue, Newark, CA 94560 (US).

(74) ROBERTS, Richard, S.; Roberts & Mercanti, LLP, P.O. Box 484, Princeton, NJ 08542-0484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/316, 21/312, C08J 9/26, C09D 183/04, 183/02

(11) WO 03/088344 (13) A1

(21) PCT/US02/15256

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW METAL POROUS SILICA DIELECTRIC FOR INTEGRAL CIRCUIT APPLICATIONS

• DIELECTRIQUE EN SILICE POREUSE, A FAIBLE TENUEUR EN METAL, POUR APPLICATIONS SUR DES CIRCUITS INTEGRES

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; Patent Department, 101 Columbia Road, Morristown, NJ 07962-2245 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEUNG, Roger, Y. [US/US]; 1351 Rimrock Drive, San Jose, CA 95120 (US). DENG, Eric [CN/US]; 33288 Jamie Circle, Fremont, CA 94555 (US). XIE, Songyuan [CN/US]; 7326 Carter Avenue, Newark, CA 94560 (US). LU, Victor, Y. [US/US]; 115 Peach Terrace, Santa Cruz, CA 95060 (US).

(74) ROBERTS, Richard, S.; Roberts & Mercanti, LLP, P.O. Box 484, Princeton, NJ 08542-0484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/318, 29/78

(11) WO 03/088345 (13) A1

(21) PCT/JP03/04126

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-97871 29 Mar/mar 2002 JP (29.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MATERIAL FOR ELECTRONIC DEVICE AND PROCESS FOR PRODUCING THE SAME

• MATERIAU POUR DISPOSITIF ELECTRONIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGAWARA, Takuya [JP/JP]; C/O TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). OZAKI, Shigenori [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP). SASAKI, Masaru [JP/JP]; C/O TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/322

(11) WO 03/088346 (13) A1

(21) PCT/US02/33664

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 60/371,324 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROCESS FOR CONTROLLING DE-NUDED ZONE DEPTH IN AN IDEAL OXYGEN PRECIPITATING SILICON WAFER

- PROCEDE DESTINE A VERIFIER LA PROFONDEUR DE LA ZONE DENUDEE DANS UNE TRANCHE DE SILICIUM A PRECIPITATION IDEALE DE L'OXYGENE
- (71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; P.O. Box 8, 501 Pearl Drive, St. Peters, MO 63376 (US).
- (72) LIBBERT, Jeffrey, L.; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). BINNS, Martin, Jeffrey; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). FALSTER, Robert, J.; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).
- (74) ALLEN, Derick, E. et al. / etc.; One Metropolitan Square, Suite 1600, St. Louis, MO 63102 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01L 21/50
- (11) WO 03/088347 (13) A2
- (21) PCT/EP03/03907
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) de (26) de
- (30) 202 05 830.1 15 Apr/avr 2002 DE (15.04.2002)
- (30) 102 22 958.9 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 964.3 23 May/mai 2002 DE (23.05.2002)
- (30) 102 22 609.1 23 May/mai 2002 DE (23.05.2002)
- (30) 102 52 787.3 13 Nov/nov 2002 DE (13.11.2002)
- (30) 103 01 559.0 16 Jan/jan 2003 DE (16.01.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR CONNECTING SUBSTRATES AND COMPOSITE ELEMENT
- PROCEDE DE LIAISON DE SUBSTRATS ET ELEMENT COMPOSITE
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU DE GB IE IL IN JP KE KP KR NZ UG US ZA)
- (71) CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) MUND, Dietrich [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE). LEIB,
- Jürgen [DE/DE]; Philipp-Dirr-Strasse 44, 85354 Freising (DE).
- (74) HERDEN, Andreas; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/56, 21/00, H05K 13/04
- (11) WO 03/088348 (13) A1
- (21) PCT/US03/10767
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 60/371,826 11 Apr/avr 2002 US (11.04.2002)
- (30) 10/408,464 7 Apr/avr 2003 US (07.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR UNDERFILLING SEMICONDUCTOR DEVICES
- PROCEDE ET APPAREIL DE REMPLISSAGE SOUS-JACENT DE DISPOSITIFS SEMICONDUCTEURS
- (71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).
- (72) QUINONES, Horatio; 1580 Shadowridge Drive #281, Vista, CA 92083 (US). FANG, Liang; 8365 Westmore Road #20, San Diego, CA 92126 (US). RUTLEDGE, Thomas, L.; 863 Overlook Circle, San Marcos, CA 92078 (US).
- (74) BRINKMAN, David, H. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/68, B65G 49/07, B66C 15/00
- (11) WO 03/088350 (13) A1
- (21) PCT/JP03/01524
- (22) 14 Feb/fév 2003 (14.02.2003)
- (25) ja (26) ja
- (30) 2002/111227 12 Apr/avr 2002 JP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CLOSED CONTAINER CONVEYING SYSTEM
- SYSTEME DE CONVOYAGE DE CONTENANTS FERMES
- (71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-Chome, Shinagawa-Ku, Tokyo 142-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJIMOTO, Masaru [JP/JP]; c/o HIRATA CORPORATION, 9-20, Togoshi 3-Chome, Shinagawa-Ku, Tokyo 142-0041 (JP). TOKISATO, Yukiharu [JP/JP]; c/o HIRATA CORPORATION, 9-20, Togoshi 3-Chome, Shinagawa-Ku, Tokyo 142-0041 (JP). YAMAMOTO, Akemichi [JP/JP]; c/o HIRATA CORPORATION, 9-20, Togoshi 3-Chome, Shinagawa-Ku, Tokyo 142-0041 (JP).
- (74) INOUE, Motohiro; 1-2-805, Saiwai 2-Chome, Ichikawa-Shi, Chiba 272-0123 (JP).
- (81) JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE SI TR).
-
- (51)⁷ H01L 21/68, B65G 49/00, 49/07, H01L 21/265, 21/324
- (11) WO 03/088351 (13) A1
- (21) PCT/JP03/03997
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (30) 2002-111114 12 Apr/avr 2002 JP (12.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PORT STRUCTURE IN SEMICONDUCTOR PROCESSING DEVICE
- STRUCTURE D'ORIFICE DANS UN DISPOSITIF DE TRAITEMENT DE SEMI-CONDUCTEUR
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
- (72) TAKEUCHI, Yasushi; c/o TOKYO ELECTRON LIMITED, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR SG.

(51)⁷ H01L 21/768, 21/321, C25F 3/12, 3/30

(11) WO 03/088352 (13) A1

(21) PCT/US03/10937

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,190 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTROCHEMICAL PLANARIZATION OF METAL FEATURE SURFACES
- PLANARISATION ELECTROCHIMIQUE DE SURFACES A ELEMENTS METALLIQUES

(71) RENSSELAER POLYTECHNIC INSTITUTE [US/US]; 110 8th Street, Troy, NY 12180-3590 (US).

(72) DUQUETTE, David, J.; 4 North Lane, Loudonville, NY 12211 (US). LOPARCO, Lisa, J.; 12 Lake Ridge Drive, Mechanicville, NY 12118 (US).

(74) RUSSAVAGE, Edward, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 21/8246, 27/105

(11) WO 03/088353 (13) A1

(21) PCT/US03/04461

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/118,732 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MEMORY MANUFACTURING PROCESS WITH BITLINE ISOLATION

- PROCEDE DE FABRICATION D'UNE MEMOIRE AVEC UNE ISOLATION DE LIGNE DE BITS

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US). FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211 (JP).

(72) RAMSBY, Mark, T.; 402 Cumulus Avenue, Sunnyvale, CA 94087 (US). KAMAL, Tazrien; 390 Elan Village Lane, #304, San Jose, CA 95134 (US). YANG, Jean, Y.; 125 Connemara Way, #17, Sunnyvale, CA 94087 (US). LINGUNIS, Emmanuil; 330 Elan Village Lane, #406, San Jose, CA 95134 (US). SHIRAIWA, Hidehiko; 956 Marlinton Court, San Jose, CA 95120 (US). SUN, Yu; 20395 Glasgow Drive, Saratoga, CA 95070 (US).

(74) COLLOPY, Daniel, R.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 23/00

(11) WO 03/088354 (13) A2

(21) PCT/EP03/03881

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 202 05 830.1 15 Apr/avr 2002 DE (15.04.2002)

(30) 102 22 958.9 23 May/mai 2002 DE (23.05.2002)

(30) 102 22 964.3 23 May/mai 2002 DE (23.05.2002)

(30) 102 22 609.1 23 May/mai 2002 DE (23.05.2002)

(30) 102 52 787.3 13 Nov/nov 2002 DE (13.11.2002)

(30) 103 01 559.0 16 Jan/jan 2003 DE (16.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR PRODUCING A COPY PROTECTION FOR AN ELECTRONIC CIRCUIT

- PROCEDE DE PRODUCTION D'UN SYSTEME DE PROTECTION CONTRE LA COPIE POUR UN CIRCUIT ELECTRONIQUE

(71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)

(71) CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)

(71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) MUND, Dietrich [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE). LEIB, Jürgen [DE/DE]; Philipp-Dirr-Strasse 44, 85354 Freising (DE).

(74) HERDEN, Andreas; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 23/12

(11) WO 03/088355 (13) A1

(21) PCT/JP03/04693

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-114538 17 Apr/avr 2002 JP (17.04.2002)

(30) 2002-114539 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SEMICONDUCTOR DEVICE AND METHOD FOR ASSEMBLING THE SAME

- DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE D'ASSEMBLAGE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Tadahiko [JP/JP]; 2-17-8, Hibarui, Minami-ku, Fukuoka-shi, Fukuoka 811-1355 (JP). OZONO, Mitsuru [JP/JP]; 1-19-5, Hikarigaoka, Chikushino-shi, Fukuoka 818-0036 (JP). WADA, Yoshiyuki [JP/JP]; 2-11-14, Ogi, Onojo-shi, Fukuoka 816-0911 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006,

- Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 23/62, 29/76, H02H 9/00, 3/20, 1/00, 7/12
- (11) WO 03/088356 (13) A1
- (21) PCT/US03/10833
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,975 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VOLTAGE VARIABLE MATERIAL FOR DIRECT APPLICATION AND DEVICES EMPLOYING SAME
- MATIERE A TENSION VARIABLE POUR APPLICATION DIRECTE ET DISPOSITIFS UTILISANT CELLE-CI
- (71) LITTELFUSE, INC. [US/US]; 800 East Northwest Highway, Des Plaines, IL 60016-3096 (US).
- (72) HARRIS, Edwin, James; 283 Bunting Court, Deerfield, IL 60015-3691 (US). DAVIDSON, Scott; 703 Dean Street, Woodstock, IL 60098-3818 (US). PERRY, David; 8525 Watson Circle, Village of Lakewood, IL 60014 (US). WHITNEY, Steven, J.; 942 Warwick Lane, Lake Zurich, IL 60047-7123 (US).
- (74) CONNORS, Robert, W.; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ H01L 27/088
- (11) WO 03/088357 (13) A1
- (21) PCT/JP03/04700
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) ja (26) ja
- (30) 2002-112182 15 Apr/avr 2002 JP (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
- DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WATANABE, Heiji [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) HAMADA, Haruo; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 27/14, H01G 4/22
- (11) WO 03/088358 (13) A1
- (21) PCT/US02/11133
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VARIABLE CAPACITORS, COMPOSITE MATERIALS
- CONDENSATEURS VARIABLES, MATIERES COMPOSITES
- (71) MICROCOATING TECHNOLOGIES, INC. [US/US]; 5315 Peachtree Industrial Blvd., Atlanta, GA 30341 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HUNT, Andrew, Tye [US/US]; 495 Mountain Way, Atlanta, GA 30342 (US). FAGUY, Peter, W. [CA/US]; 145 Treadstone Overlook, Suwanee, GA 30024 (US). OLJACA, Miodrag [US/US]; 322 Glen Cove Dr., Avondale Estates, GA 30002 (US). FLANAGAN, Scott [US/US]; 3765 Summer Rose Drive, Atlanta, GA 30341 (US). DESHPANDE, Girish [IN/US]; 3012 Stanstead Circle, Norcross, GA 30071 (US). LEE, Stein [US/US]; 199 14th Street, Suite #711, Atlanta, GA 30309 (US).
- (74) NACKER, Wayne, E. et al. / etc.; 5315 Peachtree Industrial Blvd., Atlanta, GA 30341 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 27/146, 31/02
- (11) WO 03/088359 (13) A1
- (21) PCT/FR03/01139
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) fr (26) fr
- (30) 02/04617 12 Apr/avr 2002 FR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PHOTODETECTOR MATRIX WITH PIXELS ISOLATED BY WALLS, HYBRIDISED ONTO A READING CIRCUIT
- MATRICE DE PHOTODETECTEURS, A PIXELS ISOLÉS PAR DES MURS, HYBRIDÉE SUR UN CIRCUIT DE LECTURE
- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GIDON, Pierre [FR/FR]; 9, avenue du Grésivaudan, F-38130 Echirolles (FR). PANTIGNY, Philippe [FR/FR]; 31, rue de la Balmette, F-38640 Claix (FR).
- (74) AHNER, Philippe; c/o Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- Published / Publiée : (c)
-
- (51)⁷ H01L 29/04, 29/739, 27/088, 27/092, 21/335
- (11) WO 03/088360 (13) A1
- (21) PCT/GB03/01145
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/116,568 4 Apr/avr 2002 US (04.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • N-FET AND P-FET FABRICATION ON THE SAME WAFER USING DIFFERENT CRYSTAL PLANES FOR THE OPTIMIZATION OF CARRIER TRANSPORT
- FABRICATION DE TRANSISTOR A EFFET DE CHAMP A CANAL N ET DE TRANSISTOR A EFFET DE CHAMP A CANAL P SUR LA MEME TRANCHE AU MOYEN DE DIFFERENTS PLANS CRISTALLINS POUR L'OPTIMISATION DU TRANSPORT DE PORTEURS DE CHARGE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72) **FISCHETTI, Massimo**; 24 Stephen Smith Dr., Putnam Valley, NY 10579 (US). **LAUX, Steven**; 74 Moseman Road, Yorktown Heights, NY 10598 (US). **SOLOMON, Paul**; 2220 Brookside Avenue, Yorktown Heights, NY 10598 (US). **WONG, Hon-Sum, Philip**; 15 Valley View Road, Chappaqua, NY 10514 (US).

(74) **LITHERLAND, David, Peter**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/06, 29/12, 21/00, H01J 1/14, 1/16

(11) WO 03/088361 (13) A1

(21) PCT/US03/10288

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10/117,965 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NANOWIRE DEVICES AND METHODS OF FABRICATION

• DISPOSITIFS DE NANOFILS ET PROCÉDES DE FABRICATION ASSOCIÉS

(63) US 10/117,965 (CON) 5 Apr/avr 2002 (05.04.2002)

(71) **INTEGRATED NANOSYSTEMS, INC.** [US/US]; 1183 Bordeaux Drive, Suite 39, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Jun** [US/US]; 1437 S. Mary Avenue, Sunnyvale, CA 94087 (US). **HAN, Jie** [US/US]; 7703 Oak Meadow Court, Cupertino, CA 95014 (US). **CASELL, Alan, M.** [US/US]; 1179 Minnesota Avenue, San Jose, CA 95125 (US).

(74) **BECKER, Daniel, M.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L 29/72

(11) WO 03/088362 (13) A1

(21) PCT/JP02/03764

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

• DISPOSITIF SEMI-CONDUCTEUR ET PROCÉDE DE FABRICATION CORRESPONDANT

(71) **RENESAS TECHNOLOGY CORP.** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSHIMIZU, Makoto** [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). **KAGOTOSHI, Yasuaki** [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). **MACHIDA, Nobuo** [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP).

(74) **TSUTSUI, Yamato**; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR SG US.

(84) AP (ZM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01L 29/737, 29/10, 21/331

(11) WO 03/088363 (13) A1

(21) PCT/US03/10143

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en

(26) en

(30) 60/370,758 5 Apr/avr 2002 US (05.04.2002)

(30) 60/371,648 10 Apr/avr 2002 US (10.04.2002)

(30) 10/121,444 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BIPOLAR TRANSISTOR WITH GRADED BASE LAYER

• TRANSISTOR BIPOLAIRE EQUIPE D'UNE COUCHE DE BASE A GRADIENT

(63) US 10/121,444 (CON) 10 Apr/avr 2002 (10.04.2002)

(71) **KOPIN CORPORATION** [US/US]; 695 Myles Standish Boulevard, Taunton, MA 02780 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELSER, Roger, E.** [US/US]; 264 Doyle Avenue, Providence, RI 02096 (US). **DELUCA, Paul, M.** [US/US]; 545 Wayland Avenue, Providence, RI 02906 (US). **LUTZ, Charles, R.** [US/US]; 121 West Avenue, Seekonk, MA 02771 (US). **STEVENSON, Kevin, S.** [US/US]; 224 Bowen Street, Providence, RI 02096 (US).

(74) **PIERCE, N., Scott et al.** / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/78, 29/10, 29/36

(11) WO 03/088364 (13) A2

(21) PCT/IB03/01465

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0208833.4 18 Apr/avr 2002 GB (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRENCH-GATE SEMICONDUCTOR DEVICES

• DISPOSITIFS SEMI-CONDUCTEURS A PORTES EN TRANCHEES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEAKE, Steven, T.** [GB/GB]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **SHARROCK, Daniel, J.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 29/78, 21/336, 29/49, 21/28**

(11) **WO 03/088365** (13) A1

(21) PCT/JP03/04814

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) ja (26) ja

(30) 2002-115037 **17 Apr/avr 2002 JP (17.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD

• DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAGI, Takeshi** [JP/JP]; 3-3, Uzumakitaro-cho, Ukyo-ku, Kyoto-shi, Kyoto 616-8182 (JP).

(74) **SAEGUSA, Eiji et al. / etc.**; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 29/788, 27/115**

(11) **WO 03/088366** (13) A1

(21) PCT/FR03/00311

(22) **31 Jan/jan 2003 (31.01.2003)**

(25) fr (26) fr

(30) 0204690 **15 Apr/avr 2002 FR (15.04.2002)**

(30) 0209454 **25 Jul/juil 2002 FR (25.07.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-VOLATILE, PROGRAMMABLE, ELECTRICALLY ERASABLE MEMORY SEMICONDUCTOR DEVICE HAVING A SINGLE GRID MATERIAL LAYER AND CORRESPONDING MAGNETIC CORE PLANE

• DISPOSITIF SEMI-CONDUCTEUR DE MEMOIRE, NON VOLATILE, PROGRAMMABLE ET EFFACABLE ELECTRIQUEMENT, A UNE SEULE COUCHE DE MATERIAU DE GRILLE, ET PLAN MEMOIRE CORRESPONDANT

(71) **STMICROELECTRONICS SA** [FR/FR]; 29, boulevard Romain Rolland, F-92120 Montrouge (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENDRIER, Philippe** [FR/FR]; 3 rue Aubert Dubayet, F-3800 Grenoble (FR).
DRAY, Cyrille [FR/FR]; 8 place Condorcet, F-38320 Evens (FR).
FOURNEL, Richard [FR/FR]; 171, chemin des Fontanettes, F-38660 Lumbin (FR).
POIRIER, Sébastien [FR/FR]; 71 rue du Chateau du Roi, F-38220 Vizille (FR).
CASPAR, Daniel [FR/FR]; Les Margains, F-38666 Saint Hilaire du Touvet (FR).
CANDELIER, Philippe [FR/FR]; Les Faures, F-38190 Sait Murly Monteymond (FR).

(74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ **H01L 31/00**

(11) **WO 03/088367** (13) A2

(21) PCT/GB03/01461

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 0208211.3 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTEGRATED ACTIVE PHOTONIC DEVICE AND PHOTODETECTOR

• DISPOSITIF PHOTONIQUE ACTIF ET PHOTODETECTEUR INTEGRES

(71) **INTENSE PHOTONICS LIMITED** [GB/GB]; 4 Stanley Boulevard, Hamilton International Technology Park, High Blantyre, Glasgow G72 0BN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAJDA, Stephen** [GB/GB]; 2/2 17 Randolph Gate, Jordanhill, Glasgow G11 7DQ (GB).

(74) **CHARIG, Raymond, J.**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 31/115**

(11) **WO 03/088368** (13) A2

(21) PCT/EP03/03485

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) de (26) de

(30) 102 17 426.1 **18 Apr/avr 2002 DE (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POSITION-SENSITIVE GERMANIUM DETECTORS HAVING A MICROSTRUCTURE ON BOTH CONTACT SURFACES

• DETECTEURS AU GERMANIUM SENSIBLES A LA POSITION COMPORTANT UNE MICROSTRUCTURE SUR LES DEUX FACES DE CONTACT

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; 52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PROTIC, Davor** [HR/DE]; Alte Dürer Str. 19, 52428 Jülich (DE).
KRINGS, Thomas [DE/DE]; Vikariestr. 29, 52441 Linnich (DE).

(74) **GILLE HRABAL STRUCK NEIDLEIN PROP ROOS**; Brucknerstr. 20, 40593 Düsseldorf (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ **H01L 41/18**

(11) **WO 03/088369** (13) A1

(21) PCT/JP03/04388

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) ja (26) ja

(30) 2002-115630 **18 Apr/avr 2002 JP (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPOSITE PIEZOELECTRIC BODY

• CORPS PIEZO-ELECTRIQUE COMPOSITE

(71) **TAYCA CORPORATION** [JP/JP]; 3-47, Funamachi 1-chome, Taisho-ku, Osaka-shi, Osaka 551-0022 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHISAKA, Makoto** [JP/JP]; c/o Tayca Corporation, 3-47, Funamachi 1-chome,

Taisho-ku, Osaka-shi, Osaka 551-0022 (JP). **KOBAYASHI, Osamu** [JP/JP]; c/o Tayca Corporation, 3-47, Funamachi 1-chome, Taisho-ku, Osaka-shi, Osaka 551-0022 (JP).

(74) **MIWA, Tetsuo**; Sanei Shinsaibashi Bldg., 1-13-15, Nishi-shinsaibashi, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 51/20

(11) WO 03/088370 (13) A2

(21) PCT/EP03/03883

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 202 05 830.1 15 Apr/avr 2002 DE (15.04.2002)

(30) 102 22 958.9 23 May/mai 2002 DE (23.05.2002)

(30) 102 22 964.3 23 May/mai 2002 DE (23.05.2002)

(30) 102 22 609.1 23 May/mai 2002 DE (23.05.2002)

(30) 102 52 787.3 13 Nov/nov 2002 DE (13.11.2002)

(30) 103 01 559.0 16 Jan/jan 2003 DE (16.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HERMETIC ENCAPSULATION OF ORGANIC ELECTRO-OPTICAL ELEMENTS

• ENCAPSULAGE HERMETIQUE D'ELEMENTS ELECTRO-OPTIQUES ORGANIQUES

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KP KR NZ SG US ZA)

(71) **CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim an der Brenz (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) **OTTERMANN, Clemens** [DE/DE]; Friedrich-Ebert-Strasse 6, 65795 Hattersheim (DE). **FRITZ, Oliver** [DE/DE]; Hochwaldstrasse 18, 84032 Landshut (DE). **MUND, Dietrich** [DE/DE]; Buchenstrasse 9, 84101 Obersüßbach (DE). **POMMERHNE, Jörn** [DE/DE]; Mittelgasse 1, 55578 Gau-Weinheim (DE).

(74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 51/20

(11) WO 03/088371 (13) A2

(21) PCT/US03/10550

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/122,969 12 Apr/avr 2002 US (12.04.2002)

(30) Not furnished / 4 Apr/avr 2003 US non communiqué (04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PROTECTED ORGANIC ELECTRONIC DEVICES AND METHODS FOR MAKING THE SAME

• DISPOSITIFS ELECTRONIQUES ORGANIQUES PROTEGES ET LEURS PROCEDES DE FABRICATION

(71) **UNIVERSAL DISPLAY CORPORATION** [US/US]; 375 Phillips Boulevard, Ewing, NJ 08618 (US).

(72) **BROWN, Julia, J.**; 1405 Westover Road, Yardley, PA 19067 (US). **SILVERNAIL, Jeffrey, Alan**; 1905 South Crescent Boulevard, Yardley, PA 19067 (US). **WEAVER, Michael, Stuart**; 1606 Jonathan Court, Princeton, NJ 08540 (US). **CHWANG, Anna**; 303 Trinity Court #6, Princeton, NJ 08540 (US). **LU, Min-Hao, Michael**; 1005 White Pine Circle, Lawrenceville, NJ 08648 (US).

(74) **BONHAM, David, B.**; Mayer Fortkort & Williams, PC, 2nd Floor, 251 North Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H01L 51/20, 51/30, G06N 1/00

(11) WO 03/088372 (13) A2

(21) PCT/US03/09566

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/117,789 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOLECULAR ELECTRONIC DEVICE USING METAL-METAL BONDED COMPLEXES

• DISPOSITIF ELECTRONIQUE MOLECULAIRE UTILISANT DES COMPLEXES COLLES METAL SUR METAL

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; T.J. Watson Research Center, P.O. Box 128, Route 134, Yorktown Heights, NY 10598 (US).

(72) **KAGAN, Cherie, R.**; 43 Waterview Drive, Ossining, NY 10562 (US). **LIN, CHUN**; 77 Oneida Avenue, Croton-on-Hudson, NY 10520 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 1 Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088373 (13) A2

(21) PCT/CA03/00507

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,945 8 Apr/avr 2002 CA (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HYBRID BATTERY CONFIGURATION

• CONFIGURATION DE BATTERIE HYBRIDE

(71) **POWERGENIX SYSTEMS, INC.** [CA/CA]; Suite #204, 204 Lambert Street, Whitehorse, Yukon V1A 3T2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHILLIPS, Jeffrey** [GB/US]; 3080 Kenneth Street, Santa Clara, CA 95054 (US). **HEWSON, Donald** [CA/CA]; c/o 350 Burnhamthorpe Road West, Suite #402, Mississauga, Ontario L5B 3J1 (CA).

(74) **MARKS & CLERK (Toronto)**; 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088374 (13) A2

(21) PCT/CA03/00508

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,954 8 Apr/avr 2002 CA (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUPERCAPACITOR DEVICE WITH EXTENDED CAPABILITY
• DISPOSITIF SUPERCONDENSATEUR A CAPACITE ACCRUE

(71) POWERGENIX SYSTEMS, INC. [CA/CA]; 204 Lambert Street, Suite #204, Whitehorse, Yukon V1A 3T2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILIPS, Jeffrey [GB/US]; 3080 Kenneth Street, Santa Clara, CA 95054 (US).
HEWSON, Donald [CA/CA]; c/o 350 Burnhamthorpe Road West, Suite #402, Mississauga, Ontario L5B 3J1 (CA).

(74) MARKS & CLERK (Toronto); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088375 (13) A2

(21) PCT/CA03/00509

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,957 8 Apr/avr 2002 CA (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DUAL CHEMISTRY HYBRID BATTERY SYSTEMS

• SYSTEMES DE DOUBLE BATTERIE HYBRIDE A PROCESSUS CHIMIQUE

(71) POWERGENIX SYSTEMS, INC. [CA/CA]; 204 Lambert Street, Suite #204, Whitehorse, Yukon V1A 3T2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILLIPS, Jeffrey [GB/GB]; 3080 Kenneth Street, Santa Clara, CA 95054 (US).

(74) MARKS & CLERK (TORONTO); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088376 (13) A2

(21) PCT/EP03/03933

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 677.3 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR PRODUCING LITHIUM-POLYMER CELLS CONSISTING OF AT LEAST ONE ANODIC AND ONE CATHODIC SUBSTANCE, PRE-FABRICATED IN THE FORM OF A FILM STRIP

• PROCEDE DE PRODUCTION DE PILES LITHIUM-POLYMERES CONSTITUEES D'UNE SUBSTANCE ANODIQUE ET D'UNE SUBSTANCE CATHODIQUE PREFABRIQUEES EN FORME DE BANDES MINCES

(71) GAIA AKKUMULATORENWERKE GMBH [DE/DE]; Montaniastrasse 17, 99734 Nordhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAARMANN, Herbert [DE/DE]; Frankenthalerstrasse 12 D, 67227 Frankenthal (DE).
KRUGER, Franz, Josef [DE/DE]; Rosserblick 27, 65817 Eppstein (DE).
THEUERKAUF, Stefan [DE/DE]; Hüttenweg 6, 38678 Clausthal-Zellerfeld (DE).

(74) LESON, Thomas, Johannes, Al; TBK-Patent, Bavariaring 4-6, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088377 (13) A2

(21) PCT/US03/10386

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/120,912 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BATTERY PACK
• ENSEMBLE DE PILES

(71) EVEREADY BATTERY COMPANY, INC. [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).
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(71) SINKEWICH, Lawrence [US/US]; 7510 State Road, Wadsworth, OH 44281 (US).
(only for / seulement pour US)

(72, 75) MADJAR, Silvester [US/US]; 9828 Juniper Court, Strongsville, OH 44136 (US).
SHEA, Thomas [US/US]; 119 Overlake Drive, Colchester, VT 05446 (US).

(74) TOYE, Russell, H., Jr.; Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 450777 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088378 (13) A2

(21) PCT/US03/04286

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 10/106,276 26 Mar/mar 2002 US (26.03.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ENHANCED FLOW FIELD AND BIPO-LAR PLATE FOR A FUEL CELL

• CHAMP DE FLUX AMELIORE ET PLAQUE BIPOLAIRE POUR PILE A COMBUSTIBLE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, Mail Stop A187, Los Alamos, NM 87545 (US).

(72) REN, Xiaoming; 1340 44th Street, Los Alamos, NM 87544 (US).

(74) WILSON, Ray, G. et al. / etc.; Los Alamos National Laboratory, LC/IP, Mail Stop A187, Los Alamos, NM 87545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/088379 (13) A2

(21) PCT/US03/09837

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/122,547 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THERMAL BATTERY
• PILE THERMIQUE

(71) TEXTRON SYSTEMS CORPORATION
[US/US]; 201 Lowell Street, Wilmington,
MA 01887-2941 (US).

(72) DAOUD, Sami; 61 Camelot Drive, Bedford,
NH 03110 (US).

(74) ONELLO, Anthony, P., Jr. et al. / etc.;
Mills & Onello LLP, Suite 605, Eleven Bea-
con Street, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51) H01M 2/14

(11) WO 03/088380 (13) A2

(21) PCT/EP03/03639

(22) 8 Apr/avr 2003 (08.04.2003)

(25) de (26) de

(30) 102 16 418.5 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BATTERY SEPARATOR WITH IM-
PROVED OXIDATION STABILITY
• SEPARATEUR D'ACCUMULATEUR
PRESENTANT UNE MEILLEURE STA-
BILITE A L'OXYDATION

(71) DARAMIC, INC. [US/US]; 4838 Jenkins
Avenue, North Charleston, SC 29406 (US).
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les États désignés sauf US)

(72, 75) DEITERS, Jörg [DE/DE]; Helgoland-
strasse 37, 22846 Norderstedt (DE). IH-
MELS, Klaus, Heinrich [DE/DE]; Meerwe-
instrasse 13, 22303 Hamburg (DE).

(74) MUTH, Heinz-Peter et al. / etc.; Uexküll
& Stolberg, Beselerstrasse 4, 22607 Hamburg
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01M 4/00

(11) WO 03/088381 (13) A2

(21) PCT/CA03/00514

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,952 8 Apr/avr 2002 CA
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH RATE, THIN FILM, BIPOLAR,
NICKEL ZINC BATTERY HAVING
OXYGEN RECOMBINATION FACIL-
ITY
• BATTERIE AU NICKEL-ZINC BIPO-
LAIRE A COUCHES MINCES ET A
DEBIT ELEVE FACILITANT LA RE-
COMBINAISON D'OXYGENE

(71) POWERGENIX SYSTEMS, INC.
[CA/CA]; 204 Lambert Street, Suite #204,
Whitehorse, Yukon V1A 3T2 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PHILLIPS, Jeffrey [GB/GB]; 3080
Kenneth Street, Santa Clara, CA 95054 (US).

(74) MARKS & CLERK; 350 Burnhamthorpe
Road West, Suite 402, Mississauga, Ontario
L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01M 4/58, 4/02, 10/40

(11) WO 03/088382 (13) A1

(21) PCT/JP03/04857

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-116555 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NON-AQUEOUS SECONDARY CELL
• PILE SECONDAIRE NON AQUEUSE

(71) JAPAN STORAGE BATTERY CO.,
LTD. [JP/JP]; 1, Inobaba-cho, Nishinosho,
Kissshoin, Minami-ku, Kyoto-shi, Kyoto
601-8520 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAGASHIMA, Satoshi [JP/JP]; c/o
JAPAN STORAGE BATTERY CO., LTD.,
1, Inobaba-cho, Nishinosho, Kissshoin, Mi-
nami-ku, Kyoto-shi, Kyoto 601-8520 (JP).

(74) GORO, Kazuo et al. / etc.; AKATSUKI
UNION PATENT FIRM, Midori Nagoya
Bldg. 8th Floor, 22-4, Meieki 3-chome,
Nakamura-ku, Nagoya-shi, Aichi 450-0002
(JP).

(81) CN JP US.

(51)⁷ H01M 4/58, 4/34, 4/36, 4/32, 4/50, 4/56,
4/58

(11) WO 03/088383 (13) A1

(21) PCT/US03/10909

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/115,802 3 Apr/avr 2002 US
(03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALKALI-TRANSITION METAL PHOS-
PHATES HAVING A+3 VALENCE
NON-TRANSITION ELEMENT AND
RELATED ELECTRODE ACTIVE MA-
TERIALS
• PHOSPHATES DE METAUX DE TRAN-
SITION OU ALCALINS COMPRE-
NANT UN ELEMENT DE NON TRAN-
SITION A VALENCE +3 ET MATE-
RIAUX ACTIFS D'ELECTRODE ASSO-
CIES

(71) VALENCE TECHNOLOGY, INC.
[US/US]; 301 Conestoga Way, Hender-
son, NV 89015 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAIDI, M., Yazid [US/US]; 16 Daisy
Meadow Terrace, Henderson, NV 89074
(US). HUANG, Haitao [CN/US]; 595 S.
Green Valley Parkway, Apartment 614, Hen-
derson, NV 89012 (US).

(74) WILLIAMS, Roger, A. et al. / etc.; Valence
Technology, Inc., 301 Conestoga Way, Hen-
derson, Nevada 89015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(f) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01M 4/66

(11) WO 03/088384 (13) A1

(21) PCT/CA03/00510

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,900 8 Apr/avr 2002 CA
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH RATE, THIN FILM, BIPOLAR
NICKEL ZINC BATTERY
• PILE ZINC-NICKEL A DEBIT ELEVE,
A FILM MINCE ET BIPOLAIRE

(71) POWERGENIX SYSTEMS, INC.
[CA/CA]; 204 Lambert Street, Suite #204,
Whitehorse, Yukon V1A 3T2 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PHILLIPS, Jeffrey [GB/GB]; 3080
Kenneth Street, Santa Clara, CA 95054 (US).

(74) MARKS & CLERK (TORONTO); 350
Burnhamthorpe Road West, Suite 402, Mis-
sissauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01M 4/68, 4/73, C22C 11/06

(11) WO 03/088385 (13) A1

(21) PCT/JP03/04769

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-116593 18 Apr/avr 2002 JP
(18.04.2002)

(30) 2002-304249 18 Oct/oct 2002 JP
(18.10.2002)

(30) 2002-304286 18 Oct/oct 2002 JP
(18.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LEAD-BASED ALLOY FOR LEAD
STORAGE BATTERY, PLATE FOR
LEAD STORAGE BATTERY AND
LEAD STORAGE BATTERY

• ALLIAGE A BASE DE PLOMB POUR
LES BATTERIES D'ACCUMULA-
TEURS AU PLOMB, PLAQUE POUR
BATTERIES D'ACCUMULATEURS AU
PLOMB ET BATTERIE D'ACCUMU-
LATEURS AU PLOMB

(71) THE FURUKAWA BATTERY CO.,
LTD. [JP/JP]; 4-1, Hoshikawa 2-chome,
Hodogaya-ku, Yokohama-shi, Kanagawa
240-0006 (JP). TOHO ZINC CO., LTD.
[JP/JP]; 6-1, Nihombashi-Honcho 1-chome,
Chuo-ku, Tokyo 103-8437 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FURUKAWA, Jun [JP/JP]; c/o Iwaki-
jigyosho, The Furukawa Battery Co., Ltd.,
23-6, Kuidesaku, Jyoban-Shimofunao-machi,
Iwaki-shi, Fukushima 972-8501 (JP). NE-
HYO, Yasuyuki [JP/JP]; c/o Iwakijigyosho,
The Furukawa Battery Co., Ltd., 23-6,
Kuidesaku, Jyoban-Shimofunao-machi,
Iwaki-shi, Fukushima 972-8501 (JP). MORI,
Yutaka [JP/JP]; 7-5-1, Higashifunabashi,
Funabashi-shi, Chiba 273-0002 (JP). HI-
RAKI, Tomohiro [JP/JP]; 669-2, Morishin-
den, Fujioka-shi, Gunma 373-0005 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o
SUZUYE & SUZUYE, 7-2, Kasumigaseki
3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AU CN IN KR US.

(84) EP (DE FR).

(51)⁷ H01M 4/86, 4/88, 8/02, 8/10

(11) WO 03/088386 (13) A1

(21) PCT/JP03/04853

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-114303 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL, ELECTRODE FOR FUEL
CELL, AND METHOD FOR MANU-
FACTURING THEM

• PILE A COMBUSTIBLE, ELECTRODE
POUR PILE A COMBUSTIBLE ET
PROCEDE DE FABRICATION DE
CELLES-CI

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba
5-chome, Minato-ku, Tokyo 108-8001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKAMURA, Shin [JP/JP]; c/o NEC
Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001 (JP). KUBO, Yoshimi
[JP/JP]; c/o NEC Corporation, 7-1, Shiba
5-chome, Minato-ku, Tokyo 108-8001 (JP).
YOSHITAKE, Tsutomu [JP/JP]; c/o NEC
Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001 (JP). SHIMAKAWA,
Yuichi [JP/JP]; c/o NEC Corporation, 7-1,
Shiba 5-chome, Minato-ku, Tokyo 108-8001

(JP). MANAKO, Takashi [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 108-8001 (JP). OBATA,
Takeshi [JP/JP]; c/o NEC Corporation, 7-1,
Shiba 5-chome, Minato-ku, Tokyo 108-8001
(JP). KIMURA, Hidekazu [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome,
Minato-ku, Tokyo 108-8001 (JP). IMAI,
Hideto [JP/JP]; c/o NEC Corporation, 7-1,
Shiba 5-chome, Minato-ku, Tokyo 108-8001
(JP). KUROSHIMA, Sadanori [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 108-8001 (JP).

(74) MARUYAMA, Takao; c/o MARUYAMA
PATENT OFFICE, SAM Build. 3floor,
38-23, Higashi-Ikebukuro 2-chome,
Toshima-ku, Tokyo 170-0013 (JP).

(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT RO SE SK
TR).

Published / Publiée : (c)

(51)⁷ H01M 4/90, 4/92, 4/88

(11) WO 03/088387 (13) A1

(21) PCT/JP03/04613

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110211 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CATALYST FOR FUEL ELECTRODE
OF POLYMER SOLID ELECTROLYTE
FUEL CELL

• CATALYSEUR POUR ELECTRODE A
COMBUSTIBLE D'UNE PILE A COM-
BUSTIBLE A ELECTROLYTE SOLIDE
POLYMERE

(71) TANAKA KIKINZOKU KOGYO K.K.
[JP/JP]; 6-6, Nihonbashikayabacho 2-chome,
Chuo-ku, Tokyo 103-8206 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TADA, Tomoyuki [JP/JP]; c/o TANAKA
KIKINZOKU KOGYO K.K. TECHNICAL
CENTER, 2-73, Shin-machi, Hirat-
suka-shi, Kanagawa 254-0076 (JP). INOUE,
Masahiko [JP/JP]; c/o TANAKA KIK-
INZOKU KOGYO K.K. TECHNICAL
CENTER, 2-73, Shin-machi, Hiratsuka-shi,
Kanagawa 254-0076 (JP).

(74) TANAKA, Daisuke; No.1 Misawa Bldg.,
15-2, Hongo 1-chome, Bunkyo-ku, Tokyo
113-0033 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ H01M 4/90

(11) WO 03/088388 (13) A1

(21) PCT/US03/10627

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/118,389 8 Apr/avr 2002 US
(08.04.2002)

(30) 10/279,632 24 Oct/oct 2002 US
(24.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL

• PILE A COMBUSTIBLE

(63) US 10/279,632 (CON)
24 Oct/oct 2002 (24.10.2002)
US 10/118,389 (CIP)
8 Apr/avr 2002 (08.04.2002)

(71) **PLUG POWER INC.** [US/US]; 968 Albany-Shaker Road, Latham, NY 12110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELTER, John** [—/US]; 18 Spring Road, Glenville, NY 12302 (US). **GAYLORD, Richard, H., III** [—/US]; 11 Amelia Court, Saratoga Springs, NY 12866 (US). **GUO, Qunhui** [—/US]; 41 Hawthorne Place, North Andover, MA 01845 (US). **KARUPPAIAH, Chockkalingam** [—/US]; 2150 Milton Road, #503, University Heights, OH 44118 (US). **TANG, Hao** [—/US]; 6325 Somerlad, Apt. 102, Montreal, Quebec H3X 2B9 (CA). **WU, Yaobang** [—/US]; 13 Cavalier Way, Latham, NY 12110 (US).

(74) **DALEY, Sean, P.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 8/00

(11) WO 03/088389 (13) A2

(21) PCT/US03/10242

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/121,274 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMBUSTION HEATER AND FUEL PROCESSOR UTILIZING CERAMIC TECHNOLOGY

• RECHAUFFEUR A COMBUSTION ET DISPOSITIF DE TRANSFORMATION DE COMBUSTIBLE UTILISANT LA TECHNOLOGIE CERAMIQUE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **GERVASIO, Dominic, Francis**; 14406 North Century Drive, Fountain Hills, AZ 85268 (US). **ZINDEL, Daniel**; 1427 West Plana Avenue, Mesa, AZ 85202 (US). **TASIC, Sonja**; 1504 South Monterey Street, Gilbert, AZ 85233 (US). **ROGERS, Stephen, P.**; 516 East Mountain Sky, Phoenix, AZ 85048 (US). **KORIPPELLA, Chowdary, Ramesh**; 13308 North 118th Street, Scottsdale, AZ 85259 (US). **WILCOX, David, L.**;

1390 West Island Circle, Chandler, AZ 85248 (US). **DYER, Christopher, K.**; 16 Seven Oaks Circle, Madison, NJ 07940 (US).

(74) **PICKENS, S., Kevin et al.** / etc.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/00

(11) WO 03/088390 (13) A2

(21) PCT/US03/10244

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/122,107 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHEMICAL REACTOR AND FUEL PROCESSOR UTILIZING CERAMIC TECHNOLOGY

• REACTEUR CHIMIQUE ET DISPOSITIF DE TRANSFORMATION DE COMBUSTIBLE UTILISANT LA CERAMIQUE

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **KORIPPELLA, Chowdary, Ramesh**; 11308 North 118th Street, Scottsdale, AZ 85259 (US). **TASIC, Sonja**; 1504 South Monterey Street, Gilbert, AZ 85233 (US).

(74) **PICKENS, S., Kevin et al.** / etc.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/00

(11) WO 03/088391 (13) A2

(21) PCT/US03/10388

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en

(26) en

(30) 10/118,275 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROLLING GAS TRANSPORT IN A FUEL CELL

• COMMANDE DE TRANSPORT DE GAZ DANS UNE PILE A COMBUSTIBLE

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **FISHER, Allison, M.**; 21433 South 140th Street, Chandler, AZ 85249 (US). **BOSTAPH, Joseph, W.**; 2982 East Hampton Court, Gilbert, AZ 85297 (US).

(74) **PICKENS, S., Kevin**; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/00

(11) WO 03/088392 (13) A2

(21) PCT/US03/10718

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,705 4 Apr/avr 2002 US (04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD OF AND SYSTEM FOR DETERMINING THE REMAINING ENERGY IN A METAL FUEL CELL

• PROCEDE ET SYSTEME DESTINES A DETERMINER L'ENERGIE RESTANTE DANS UNE PILE A COMBUSTIBLE METALLIQUE

(71) **METALIC POWER, INC.** [US/US]; 2320 Camino Vida Roble, Carlsbad, CA 92009 (US).

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(72, 75) **SMEDLEY, Stuart, I.** [US/US]; 241 Camino del Postigo, Escondido, CA 92029 (US). **VAIL, Kenneth, D.** [US/US]; 3761 Albatross Street, San Diego, CA 92103 (US). **HOLMES, Charles, M.** [US/US]; 276 Vista Grande Glen, Escondido, CA 92025 (US).

(74) **LAURENSEN, Robert, C. et al.** / etc.; HOWREY SIMON ARNOLD SIMON LLP, 301 Ravenswood Ave., Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01M 8/00, 8/04, 8/12, 8/18

(11) WO 03/088393 (13) A1

(21) PCT/US03/10881

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/121,362 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL POWER SOURCE

• SOURCE D'ALIMENTATION A PILE A
COMBUSTIBLE

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).

(72) PRATT, Steven, D.; 5600 S.W. 111th
Terrace, Fort Lauderdale, FL 33328 (US).
MUTHUSWAMY, Sivakumar; 10534 N.W.
11th Court, Plantation, FL 33324 (US).
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Street, Coral Springs, FL 33065 (US). PEN-
NISI, Robert, W.; 1080 Jeffrey, Boca Raton,
FL 33487 (US).

(74) DULANEY, Randi, L. et al. / etc.; 8000
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tion, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ H01M 8/02, 8/24

(11) WO 03/088394 (13) A2

(21) PCT/JP03/03235

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 2002-110582 12 Apr/avr 2002 JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL

• PILE A COMBUSTIBLE

(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2,
Takara-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa 221-0023 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IKEZOE, Keigo [JP/JP]; 2-2-27-A408,
Tsurumakikita, Hadano-shi, Kanagawa 257-
0001 (JP).

(74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Ka-
sumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H01M 8/02, 8/04, 8/10, 8/24

(11) WO 03/088395 (13) A1

(21) PCT/JP03/04723

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-114552 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLYMERIC ELECTROLYTE TYPE
FUEL CELL

• PILE A COMBUSTIBLE A ELECTRO-
LYTE POLYMERIQUE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8501
(JP).

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les États désignés sauf US)

(72, 75) HASE, Nobuhiro [JP/JP]; Room B-201,
Cherry-haimu, 5-12-16, Sakura, Mino-shi,
Osaka 562-0041 (JP). HATOH, Kazuhito
[JP/JP]; 1-2-7-2610, Shigita, Joto-ku, Os-
aka-shi, Osaka 536-0015 (JP). KUSAKABE,
Hiroki [JP/JP]; 1-20-5, Harumidai, Sakai-shi,
Osaka 590-0113 (JP). OHARA, Hideo
[JP/JP]; 7-67-4, Hoshida, Katano-shi, Os-
aka 576-0016 (JP). KOBAYASHI, Susumu
[JP/JP]; 2-14-19, Asukanokita, Ikoma-shi,
Nara 630-0134 (JP). SHIBATA, Soichi
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5, Makinokitamachi, Hirakata-shi, Osaka
573-1149 (JP). TAKEGUCHI, Shinsuke
[JP/JP]; Room 226, Showa-ryo, 16-1, Miya-
maecho, Kadoma-shi, Osaka 571-0074 (JP).

(74) ISHII, Kazuo et al. / etc.; Kitahama-Ya-
mamoto Building, 3-6, Kitahama 2-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H01M 8/02, 4/86, 4/88, 8/10

(11) WO 03/088396 (13) A1

(21) PCT/JP03/04815

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-116795 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLID POLYMER ELECTROLYTE
FUEL BATTERY HAVING IMPROVED
PERFORMANCE AND RELIABILITY
AND MANUFACTURING METHOD
THEREOF

• BATTERIE DE PILES A COMBUS-
TIBLE A ELECTROLYTE POLYMERE
SOLIDE A PERFORMANCE AMELIO-
REE ET SON PROCEDE DE FABRICA-
TION

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba
5-chome, Minato-ku, Tokyo 108-8001 (JP).

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les États désignés sauf US)

(72, 75) YOSHITAKE, Tsutomu [JP/JP]; c/o
NEC CORPORATION, 7-1, Shiba 5-chome,
Minato-ku, Tokyo 108-8001 (JP). NAKA-
MURA, Shin [JP/JP]; c/o NEC CORPO-
RATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo
108-8001 (JP). KUROSHIMA, Sadanori
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Shiba 5-chome, Minato-ku, Tokyo 108-8001
(JP). SHIMAKAWA, Yuichi [JP/JP]; c/o
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Minato-ku, Tokyo 108-8001 (JP). MAN-
AKO, Takashi [JP/JP]; c/o NEC CORPO-
RATION, 7-1, Shiba 5-chome, Minato-ku,
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[JP/JP]; c/o NEC CORPORATION, 7-1,
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(JP). IMAI, Hideto [JP/JP]; c/o NEC COR-
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(74) KUDOH, Minoru; KADOYA BLDG., 6F,
24-10, Minamiooi 6-chome, Shinagawa-ku,
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(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
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(51)⁷ H01M 8/02, 4/86, 4/88, 8/10

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(21) PCT/JP03/04819

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-114339 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL, ELECTRODE FOR FUEL
CELL, AND METHOD FOR PREPAR-
ING THE SAME

• PILE A COMBUSTIBLE, ELECTRODE
POUR PILE A COMBUSTIBLE ET
PROCEDE DE PREPARATION COR-
RESPONDANT

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba
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les États désignés sauf US)

(72, 75) NAKAMURA, Shin [JP/JP]; c/o NEC
CORPORATION, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 108-8001 (JP). KUBO,
Yoshimi [JP/JP]; c/o NEC CORPO-
RATION, 7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001 (JP). SHIMAKAWA,
Yuichi [JP/JP]; c/o NEC CORPO-
RATION, 7-1, Shiba 5-chome, Minato-ku,

Tokyo 108-8001 (JP). MANAKO, Takashi [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KIMURA, Hidekazu [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). IMAI, Hideto [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KUROSHIMA, Sadanori [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). OBATA, Takeshi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) INAGAKI, Kiyoshi et al. / etc.; c/o FU-SOH PATENT FIRM, Rindo Building 5F, 37, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

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(51)⁷ H01M 8/02

(11) WO 03/088398 (13) A1

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(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,053 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHANOL MONOPOLAR, MINIA-TURE FUEL CELL AND METHOD OF FABRICATING A STACK OF THE SAME

• PILE A COMBUSTIBLE MINIATURE MONOPOLAIRE AU METHANOL ET PROCEDE DE FABRICATION D'UN EMPILEMENT POUR UNE TELLE PILE

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).
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(72, 75) NARAYANAN, Sekharipuram, R. [US/US]; 1555 N. Santa Anita Avenue, Arcadia, CA 91006 (US). VALDEZ, Thomas, I. [US/US]; 688 N. Rimsdale, #83, Covina, CA 91722 (US).

(74) DAWES, Daniel, L.; Myers, Dawes & Andras LLP, Suite 1500, 19900 MacArthur Boulevard, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/088399 (13) A1

(21) PCT/JP03/04778

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112181 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL BATTERY, ELECTRIC DEVICE, PORTABLE COMPUTER, AND FUEL BATTERY DRIVE METHOD

• BATTERIE DE PILES A COMBUSTIBLE, DISPOSITIF ELECTRIQUE, ORDINATEUR PORTABLE ET PROCEDE DE COMMANDE D'UNE BATTERIE DE PILES A COMBUSTIBLE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
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(72, 75) YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). NAKAMURA, Shin [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KIMURA, Hidekazu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KUROSHIMA, Sadanori [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). SHIMAKAWA, Yuichi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). MANAKO, Takashi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). IMAI, Hideto [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KUBO, Yoshimi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) IKEDA, Noshiyasu et al. / etc.; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CA CN KR US.

(84) EP (DE FR GB).

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(11) WO 03/088400 (13) A1

(21) PCT/US03/10123

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10/120,704 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELL STACK COOLANT CONDUCTIVITY MONITORING CIRCUIT

• CIRCUIT DE SURVEILLANCE DE LA CONDUCTIVITE DU FLUIDE DE REFROIDISSEMENT D'UN EMPILEMENT DE PILES A COMBUSTIBLE

(63) US 10/120,704 (CON) 11 Apr/avr 2002 (11.04.2002)

(71) GENERAL MOTORS CORPORATION [US/US]; 300 Renaissance Center, P.O. Box 300, Detroit, MI 48265-3000 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DILL, Norman, J. [US/US]; 3590 Baker Road, Walworth, NY 14568 (US).

(74) DESCHERE, Linda, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H01M 8/06

(11) WO 03/088401 (13) A2

(21) PCT/DE02/01752

(22) 15 May/mai 2002 (15.05.2002)

(25) de (26) de

(30) PCT/DE02/01349 11 Apr/avr 2002 DE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING A REFORMER FOR FUEL CELLS

• PROCEDE ET DISPOSITIF POUR REGULER UN REFORMEUR DESTINE A DES PILES A COMBUSTIBLE

(71) WEBASTO THERMOSYSTEME GMBH [DE/DE]; Speicherstrasse 3-4, 17033 Neubrandenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITTMANN, Bernd [DE/DE]; Geschwister-Scholl-Ring 8, 82110 Gerning (DE). WOLF, Felix [DE/DE]; Fländerstrasse 13b, 86157 Augsburg (DE).

(74) EPPING HERMANN FISCHER; Patentanwalts-gesellschaft mbH, Ridlerstrasse 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01M 8/10, 4/88, B01J 23/40

(11) WO 03/088402 (13) A1

(21) PCT/US03/10660

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/369,992 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FUEL CELLS AND FUEL CELLS CATALYSTS

• PILES A COMBUSTIBLE ET CATALYSEURS POUR PILES A COMBUSTIBLE

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).

(72) MASEL, Richard, I.; 2603 Lakeview, Champaign, IL 61822 (US). RICE, Cynthia, A.; 2111 W. White St., Apt. 213, Champaign, IL 61821 (US). WASZCZUK, Piotr; 4965 Birch lake Circle, White Bear Lake, MN 55110 (US). WIECKOWSKI, Andrzej; 2213 Winchester Dr., Champaign, IL 61821 (US).

(74) FALLON, Steven, P.; Greer, Burns & Crain, Ltd., 300 S. Wacker Drive - Suite 2500, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 10/28, 10/24, 10/34, 4/70, 4/74

(11) WO 03/088403 (13) A1

(21) PCT/JP03/04592

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-114997 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALKALINE STORAGE BATTERY

• ACCUMULATEUR ALCALIN

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006,

Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) IZUMI, Yoichi [JP/JP]; 1-6-62, Habikigaokanishi, Habikino-shi, Osaka 583-0865 (JP). KAKINUMA, Akira [JP/JP]; 3-4-15-303, Miyakojimanakadori, Miyakojima-ku, Osaka-shi, Osaka 534-0022 (JP). KOSHIBA, Nobuharu [JP/JP]; 6-14-13, Midorigaoka, Heguricho, Ikoma-gun, Nara 636-0941 (JP).

(74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01M 10/40, 4/02

(11) WO 03/088404 (13) A1

(21) PCT/JP03/04636

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110851 12 Apr/avr 2002 JP
(12.04.2002)

(30) 2003-83135 25 Mar/mar 2003 JP
(25.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

• ACCUMULATEUR D'ELECTROLYTE NON AQUEUX

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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(72, 75) HAYASHIDA, Hirotaka [JP/JP]; 704, Daia-Palace-Shonan-Life-Town, 5681, Oba, Fujisawa-shi, Kanagawa 251-0861 (JP). YAJIMA, Akira [JP/JP]; 303, Fukui-Bldg., 26-7, Omorihigashi 1-chome, Ota-ku, Tokyo 143-0012 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01M 12/00

(11) WO 03/088405 (13) A2

(21) PCT/CA03/00511

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,381,035 9 Apr/avr 2002 CA
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWER MANAGEMENT FOR HYBRID BATTERY SYSTEMS

• GESTION D'ENERGIE POUR SYSTEMES DE BATTERIES HYBRIDES

(71) POWERGENIX SYSTEMS, INC. [CA/CA]; 204 Lambert Street, Suite #204, Whitehorse, Yukon V1A 3T2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELDSTEIN, Robert, S. [US/US]; 57-47th Street, Maspeth, NY 11378 (US). RAIT, Joseph [US/US]; 2201 - 3rd Avenue, Suite #2604, Seattle, WA 98121 (US).

(74) MARKS & CLERK (TORONTO); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 14/00

(11) WO 03/088406 (13) A2

(21) PCT/US03/05722

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 10/121,226 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ION POWERED PLATFORM

• PLATE-FORME A ALIMENTATION IONIQUE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 1701 West Marshall Drive, Grand Prairie, TX 75051 (US).

(72) WOOD, James, Rick; 909 Dove, Grapevine, TX 76051 (US). BROWDER, Mark, k.; 11316 Promenade Rd., Frisco, TX 75035 (US).

(74) PYLE, Jeffrey, A.; Williams, Morgan & Amerson, P.C., Suite 1100, 10333 Richmond Ave., Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/06, H04B 5/00, B61L 3/22

(11) WO 03/088407 (13) A1

(21) PCT/IB03/01117

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 02076503.8 17 Apr/avr 2002 EP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WAVEGUIDE COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION A GUIDE D'ONDES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) LIESS, Martin, D. [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEYTEN, Lukas [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SOMMAVILLA, Diego [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BOS, Kornelis, S.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/207, 1/219

(11) WO 03/088408 (13) A1

(21) PCT/US03/10755

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,210 9 Apr/avr 2002 US (09.04.2002)

(30) 10/159,497 31 May/mai 2002 US (31.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EVANESCENT RESONATORS

• RESONATEURS EVANESCENTS

(71) NEW JERSEY INSTITUTE OF TECHNOLOGY [US/US]; University Heights, Newark, NJ 07102-1982 (US).

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(72, 75) SNYDER, Richard, V. [US/US]; 17 Leon Terrace, Kinnelon, NJ 07405 (US). NIVER, Edip [US/US]; 1345 Central Avenue, Westfield, NJ 07090 (US). UM, Kee-hong [KR/US]; 13 Briarwood Court, Ramsey, NJ 07446 (US). SHIN, Sanghoon [KR/US]; 849 Broad Avenue #1, Ridgefield, NJ 07657 (US).

(74) JACKSON, David, A.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01P 3/18, 5/10 // H05K 1/02

(11) WO 03/088409 (13) A1

(21) PCT/US03/09473

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 10/121,066 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTEGRATED SEGMENTED AND INTERDIGITATED BROADSIDE- AND EDGE-COUPLED TRANSMISSION LINES

• LIGNES DE TRANSMISSION A COUPLAGE TRANSVERSAL ET LATERAL, INTEGREES, SEGMENTEES ET INTERDIGITEES

(71) TRIQUINT SEMICONDUCTOR, INC. [US/US]; 2300 N.E. Brookwood Parkway, Hillsboro, OR 97124 (US).

(72) APEL, Thomas, R.; 3144 N.W. Chapin Drive, Portland, OR 97229 (US).

(74) PARSONS, James, E.; Bever, Hoffman & Harms, LLP, 2099 Gateway Place, Suite 320, San Jose, CA 95110-1017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01P 5/02

(11) WO 03/088410 (13) A1

(21) PCT/DE03/00950

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 17 387.7 18 Apr/avr 2002 DE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRIC FOUR-WIRE NETWORK WITH A TRANSFORMATION LINE

• RESEAU D'ADAPTATION ELECTRIQUE POURVU D'UNE LIGNE DE TRANSFORMATION

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(72) PRZADKA, Andreas; Togostr. 17, 81827 München (DE).

(74) EPPING HERMANN FISCHER; Patentanwaltsgesellschaft mbH, Ridlerstrasse 55, 80339 München (DE).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H01P 7/10

(11) WO 03/088411 (13) A1

(21) PCT/GB02/01712

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TUNEABLE DIELECTRIC RESONATOR

• RESONATEUR DIELECTRIQUE ACCORDABLE

(71) SOUTH BANK UNIVERSITY ENTERPRISES LTD [GB/GB]; 103 Borough Road, London SE1 0AA (GB).

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(72, 75) PETROV, Peter [BG/GB]; 125 Wembley Hill Road, Wembley HA9 8DT (GB). McNeil, Alford, Neil [GB/GB]; Flat 3, 33 Compayne Gardens, London NW6 3DD (GB).

(74) COHEN, Alan, Nicol; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) WO 03/088412 (13) A2

(21) PCT/US03/11037

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,531 12 Apr/avr 2002 US (12.04.2002)

(30) 10/331,085 27 Dec/déc 2002 US (27.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NODE-B/BASE STATION RAKE FINGER POOLING

• REGROUPEMENT DE DOIGTS DE TYPE RATEAU DE STATION NOEUD/BASE B

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) KAEWELL, John, David, Jr.; 1727 Lafayette Drive, Jamison, PA 18929 (US).

BERGHIUS, Tomothy; 319 Trimble Lane, Exton, PA 19341 (US). MEYER, Jan; Nussbaumstrasse 4, D-82362 Weilheim (DE). BOHNHOFF, Peter; Comeniusstrasse 4, D-81667 Munich (DE). REZNIK, Alexander; 109 Wrangel Court, #5, Princeton, NJ 08540 (US). HEPLER, Edward, L.; 794 Bass Cove, Malvern, PA 19355-3151 (US). KOCH, Michael; 4 Hastings Drive, Fort Salonga, NY 11768 (US). HACKETT, William, C.; 403 Player Lane, Doylestown, PA 18901 (US). BASS, David, S.; 161 Schenck Avenue, Great Neck, NY 11021 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) WO 03/088413 (13) A2

(21) PCT/US03/08655

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/370,181 5 Apr/avr 2002 US (05.04.2002)

(30) 10/152,188 21 May/mai 2002 US (21.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW-COST TROMBONE LINE BEAM-FORMER

• FORMEUR DE FAISCEAUX PEU COUTEUX A LIGNES A TROMBONES

(71) E-TENNA CORPORATION [US/US]; 6100 Frost Place, Laurel, MD 20707 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MCKINZIE, William, E., III [US/US]; 8126 Brookwood Farm Road, Fulton, MA 20759 (US). MENDOLIA, Greg, S. [CA/US]; 3139-402 Pine Orchard Lane, Ellicott City, MD 21042 (US). STARKS, Shelby [US/US]; 1516 Ingleside Avenue, Baltimore, MD 21207 (US).

(74) CURTIS, Anthony, P.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/24, 13/10

(11) WO 03/088414 (13) A1

(21) PCT/SE03/00526

(22) 2 Apr/avr 2003 (02.04.2003)

(25) sv (26) en

(30) 0201083-3 9 Apr/avr 2002 SE (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ANTENNA DEVICE

• DISPOSITIF D'ANTENNE

(71) MOTECO AB [SE/SE]; Ole Römers väg 16, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BLOM, Carl, Gustaf [SE/SE]; Kvarnberget 2, S-453 33 Lysekil (SE).

(74) WALLENGREN, Yngvar et al. / etc.; Patentbyrån y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/27

(11) WO 03/088415 (13) A1

(21) PCT/IB03/01354

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/123,695 16 Apr/avr 2002 US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR SELECTIVE SHIELDING OF FABRIC ANTENNAS

• PROCEDE ET APPAREIL DE BLINDAGE SELECTIF D'ANTENNES POUR ETOFFES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) MARMAROPOULOS, George; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN HEERDEN, Clive, R.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WHITE, Andrew, G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : CN

(51)⁷ H01Q 1/38, 1/24

(11) WO 03/088416 (13) A1

(21) PCT/JP02/03894

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CELLULAR PHONE AND ANTENNA BUILT THEREIN

• TELEPHONE CELLULAIRE AVEC ANTENNE INTEGREE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAKETOMI, Hirokazu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). BABA, Fumiaki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SUNAHARA, Yonehiko [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). IMANISHI, Yasuhito [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TANAKA, Tetsuya [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) YOSHIDA, Shigeaki et al. / etc.; 10th Floor, Sumitomo-seimei OBP Plaza Bldg., 4-70, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN JP KR NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01Q 1/38, 1/32

(11) WO 03/088417 (13) A1

(21) PCT/US03/04726

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/117,963 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-BAND PLANAR ANTENNA

• ANTENNE PLANAIRE MULTIBANDE

(71) CENTURION WIRELESS TECHNOLOGIES, INC. [US/US]; 3425 North 44th Street, Lincoln, NE 68501 (US).

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(71, 72) ZINANTI, Michael, D. [US/US]; 4147 Ingalls Court, Wheatridge, CO 80033 (US).
LAWSON, Kenneth, T., Jr. [US/US]; 1249 James Circle, Lafayette, CO 80026 (US).
FRENCH, Shanna, Carroll [US/US]; 4432 South Beach Way, Morrison, CO 80465 (US).
BATEMAN, Blaine, R. [US/US]; 593 Juniper Court, Louisville, CO 80027 (US).

(72, 75) BANCROFT, Randy [US/US]; 2837 Perry Street, Denver, CO 80212 (US).

(74) KINNEAR, Brian et al. / etc.; Suite 3200, 555 17th Street, Denver, CO 80201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q 9/04, 9/14, 1/24, 5/00

(11) WO 03/088418 (13) A1

(21) PCT/DK03/00236

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) PA 2002 00527 10 Apr/avr 2002 DK (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DUAL BAND ANTENNA

• ANTENNE DOUBLE BANDE

(71) MAXON TELECOM A/S [DK/DK]; Niels Jernes Vej 8, DK-9220 Aalborg Ø (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEDERSEN, Gert Frølund [DK/DK]; Egevej Hjørnet 25, DK-9280 Storvorde (DK).
SVENDSEN, Simon [DK/DK]; Sankt Hans Gade 3, 1.th., DK-9000 Aalborg (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C. (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 15/00, 15/02, G02B 1/02, 5/18, 6/12

(11) WO 03/088419 (13) A1

(21) PCT/US03/10912

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/370,977 9 Apr/avr 2002 US (09.04.2002)

(30) 60/407,169 30 Aug/août 2002 US (30.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHOTONIC CRYSTAL EXHIBITING NEGATIVE REFRACTION WITHOUT REQUIRING A NEGATIVE EFFECTIVE INDEX

• CRISTAL PHOTONIQUE PRESENTANT UNE REFRACTION NEGATIVE SANS NECESSITER UN INDICE EFFECTIF NEGATIF

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) LUO, Chiyang; 118 Edgemere Rd. #8, West Roxbury, MA 02132 (US).
JOANNOPOULOS, John, D.; 64 Douglas Road, Belmont, MA 02178 (US).
JOHNSON, Steven, G.; 521 Longmeadow Circle, St. Charles, IL 60174 (US).
FINK, Yoel; 60 Wadsworth Street, Apt. 22E, Cambridge, MA 02142 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q 21/06, 13/18

(11) WO 03/088420 (13) A1

(21) PCT/US03/10549

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,128 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HORIZONTALLY POLARIZED END-FIRE ANTENNA ARRAY

• RESEAU D'ANTENNES A RAYONNEMENT LONGITUDINAL POLARISEES HORIZONTALEMENT

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).

(72) WATERMAN, Timothy, G.; 303 Quail Drive, Eldersburg, MD 21784 (US).

(74) GATES, William, L.; Birch, Stewart, Kolasch & Birch, Llp, P.O. Box 747, Falls Church, VA 22040-0747 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01R 12/04, 33/09, H01K 1/46, H05K 1/18, 3/32, F21V 19/00

(11) WO 03/088421 (13) A1

(21) PCT/AU03/00414

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) PS 1573 5 Apr/avr 2002 AU (05.04.2002)

(30) PS 2323 15 May/mai 2002 AU (15.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOUNTING OF LED DEVICES TO CIRCUIT BOARD OR RIBBON

• MONTAGE DE DISPOSITIFS DEL A UN RUBAN OU A UNE CARTE DE CIRCUITS IMPRIMES

(71) SHOWERS INTERNATIONAL PTY LTD [AU/AU]; Unit 1, 12 Redland Drive, Mitcham, Victoria 3132 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHOWERS, David, Field [AU/AU]; 4/38 Clendon Road, Toorak, Victoria 3142 (AU).
OLDIS, Malcolm, Wesley [AU/AU]; 35 North Oatlands Road, Yarrambat, Victoria 3091 (AU).
GODDARD, Kenneth, Robert [AU/AU]; 15 Frank Street, Eltham, Victoria 3095 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 13/04, 13/05, H05B 3/84, H01R 13/20

(11) WO 03/088422 (13) A1

(21) PCT/US02/16904

(22) 29 May/mai 2002 (29.05.2002)

(25) en (26) en

(30) 10/117,962 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • FOLDING BLADE ELECTRICAL TERMINAL
- BORNE ELECTRIQUE A LAME PLIANTE

(71, 72) COSTA, Larry J. [US/US]; 55613 Current Road, Mishawaka, IN 46545 (US).

(74) NIEBERGALL, Shane M. et al. / etc.; Suite 1111, 2120 S. 72nd Street, Omaha, NE 68124 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H01R 13/512

(11) WO 03/088423 (13) A1

(21) PCT/EP03/03436

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 16 406.1 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTRICAL ANGULAR PIN-AND-SOCKET CONNECTOR WITH MUTUAL FIXATION OF BOTH ANGULAR SIDES

- CONNECTEUR ENFICHABLE ANGULAIRE ELECTRIQUE A FIXATION RECIPROQUE DES DEUX COTES ANGULAIRES

(71) ANTON HUMMEL VERWALTUNGS GMBH [DE/DE]; Mozartstrasse 2, 79183 Waldkirch (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTHOLOMÄ, Mario [DE/DE]; Frohngartenstrasse 8, 79297 Winden (DE). HOCH, Achim [DE/DE]; Kirchstrasse 14, 79183 Waldkirch (DE). KÖHLER, Frank [DE/DE]; Burgstrasse 9, 79183 Buchholz-Batzenhäusle (DE). STRATZ, Manfred [DE/DE]; Am Martinshof 2, 79263 Simonswald (DE). REICH, Günter [DE/DE]; Wittenbachstrasse 65, 79215 Elzach (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i. Br. (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL

PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 13/66, H05K 7/02

(11) WO 03/088424 (13) A1

(21) PCT/EP03/03854

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) BL2002A000008 15 Apr/avr 2002 IT (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • INCORPORATED POWER LINE CABLE AND FILTER, PARTICULARLY FOR APPLIANCES

- CABLE D'ALIMENTATION ET FILTRE INTEGRÉS, EN PARTICULIER POUR APPAREILS ELECTROMENAGERS

(71) D.E.M. S.R.L. [IT/IT]; Zona Industriale Villanova, 20, I-32013 Longarone (BL) (IT).

(72) DE MARCO, Doreano, Pierino; Vicolo Braghessa, 2, I-32010 Zoldo Alto (BL) (IT).

(74) BESZEDES, Stephan, G.; Münchener Str.80a, Postbox 11 68, 85221 Dachau (DE).

(81) CN IN PL RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ H01R 13/66, 13/24, 11/18, G01R 1/067, 1/04, H01R 13/646, 12/18, 12/04

(11) WO 03/088425 (13) A1

(21) PCT/US03/07866

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/119,879 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SHIELDED CABLE TERMINAL WITH CONTACT PINS MOUNTED TO PRINTED CIRCUIT BOARD

- BORNE DE CABLE PROTEGEE AVEC GOUPILES DE CONTACT MONTES SUR UNE CARTE DE CIRCUIT IMPRIME

(71) THE LUDLOW COMPANY LP [US/US]; Two Ludlow Park Drive, P.O. Box 297, Chicopee, MA 01021 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOUBH, Emad [US/US]; 2611 NW 45th Avenue, Camas, WA 98607 (US). DELESSERT, Dan [US/US]; 2900 North Crater

Lane, #2, Newberg, OR 97132 (US). HOFFMAN, Jon [US/US]; 14500 NW 2nd Court, Vancouver, WA 98685 (US).

(74) LEONARDO, Mark, S.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 13/719

(11) WO 03/088426 (13) A1

(21) PCT/IL03/00280

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/371,632 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ACTIVE LOCAL AREA NETWORK CONNECTOR

- CONNECTEUR ACTIF POUR RESEAU LOCAL D'ENTREPRISE

(71) POWERDSINE LTD. [IL/IL]; 1 Hanagar Street, Ezor Ta'asiyah Neve Ne'eman, 45421 Hod Hasharon (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FERENTZ, Alon, Zeev [IL/IL]; 8 Mazada Street, 59612 Bat-Yam (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 13/72, 25/00

(11) WO 03/088427 (13) A1

(21) PCT/SG03/00090

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) PI 20021435 18 Apr/avr 2002 MY (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EXTENSION SOCKET DEVICE WITH A CORD STORAGE AND DISPENSING SYSTEM

• DISPOSITIF DE PRISE A EXTENSION DOTE D'UN SYSTEME DE DISTRIBUTION ET DE STOCKAGE DE CORDON ELECTRIQUE

(71) **POWER BRIDGE (SINGAPORE) PTE. LTD** [SG/SG]; Block 209 Bukit Batok St. 21, #13-172 Singapore 650209 (SG).
(only for / seulement pour US)

(72, 75) **YAP, Wan, Han** [MY/MY]; 13 Jalan MP 7, Melaka Perdana Resort Homes, 75450 Air Keroh Heights, Melaka (MY).

(74) **O'CONNOR, Teresa**; Infinitus Law Corporation, Raffles City Post Office, P.O. Box 259, Singapore 911709 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01R 24/12

(11) WO 03/088428 (13) A1

(21) PCT/JP03/04756

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-116190 18 Apr/avr 2002 JP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • JACK

• DOUILLE

(71) **HOSIDEN CORPORATION** [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 581-0071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAI, Yuji** [JP/JP]; 2164-3, Fukasaka, Sakai-shi, Osaka 599-8253 (JP). **MATSUMOTO, Koji** [JP/JP]; 707-34, Koumyoucho, Ikoma-shi, Nara 630-0201 (JP).

(74) **KITAMURA, Shuichiro**; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01R 25/14

(11) WO 03/088429 (13) A1

(21) PCT/IT03/00217

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) BS2002U000043 12 Apr/avr 2002 IT
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COUPLING FOR THE MECHANICAL AND ELECTRICAL CONNECTION OF LIGHTING DEVICES

• COUPLAGE POUR LA CONNEXION MECANIQUE ET ELECTRIQUE DE DISPOSITIFS D'ECLAIRAGE

(71) **FLOS S.P.A.** [IT/IT]; Via A. Faini 2, I-25073 Bovezzo (Brescia) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCALFI, Gianbattista** [IT/IT]; Via A. faini 2, I-25073 Bovezzo (Brescia) (IT).

(74) **SANGIACOMO, Fulvia**; Biesse S.R.L., C.SO Matteotti, 42, I-25122 Brescia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 33/92, 31/02

(11) WO 03/088430 (13) A1

(21) PCT/US03/03441

(22) 6 Feb/fév 2003 (06.02.2003)

(25) en (26) en

(30) 60/371,162 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROTATABLE PLUG ASSEMBLY INCLUDING AN EXTRA OUTLET

• ENSEMBLE PRISE TOURNANTE AVEC SORTIE SUPPLEMENTAIRE

(71) **S.C.JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403-2236 (US).

(72) **PEDROTTI, Andrea**; Via Piano Sarca, 12, I-30070 Pietramurata (IT). **CAMPEDELLI, Paolo**; Via Divisione Acqui 34, I-38065 Mori (IT). **BALDESSARI, Stefano**; Via Roma 29, I-38052 Caldonazzo (IT).

(74) **MILLER, Robert, A.**; S.C. Johnson & Son, Inc., Patent Section, M.S. 077, 1525 Howe Street, Racine, Wisconsin 53403-2236 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S

(11) WO 03/088431 (13) A2

(21) PCT/US03/10499

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/116,267 4 Apr/avr 2002 US
(04.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VERTICAL CAVITY SURFACE EMITTING LASER (VCSEL) AS AN INTERFEROMETER REFERENCE

• LASER A CAVITE VERTICALE ET A EMISSION PAR LA SURFACE (VCSEL) UTILISE EN TANT QUE REFERENCE D'INTERFEROMETRE

(71) **INLIGHT SOLUTIONS, INC.** [US/US]; 800 Bradbury SE, Albuquerque, NM 87106 (US).

(72) **MAYNARD, John, D.**; 11202 Spyglass Hill Lane NE, Albuquerque, NM 87111 (US). **RIDDER, Trent, D.**; 80 Paa-ko Drive, Sandia Park, NM 97047 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(1) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(51)⁷ H01S 3/00

(11) WO 03/088432 (13) A2

(21) PCT/US03/10721

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/119,462 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOLID-STATE DEVICES WITH RA-
DIAL DOPANT VALENCE PROFILE

• DISPOSITIFS A L'ETAT SOLIDE PRE-
SENTANT UN PROFIL DE VALENCE
DE DOPANT RADIAL

(71) RAYTHEON COMPANY [US/US];
EO/E1/E150, 2000 East El Segundo Blvd,
P O Box 902, El Segundo, CA 90245-0902
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BYREN, Robert [—/US]; 2001 Agnes
Road, Manhattan Beach, CA 90266 (US).
SUMIDA, David [—/US]; 3630 Meier
Street, Los Angeles, CA 90066 (US).

(74) RAUFER, Colin, M. et al. / etc.; c/o
Raytheon Company, 2000 East El Segundo
Blvd, P O Box 902 (EO/E1/E150), El Se-
gundo, CA 90245-0902 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01S 3/067

(11) WO 03/088433 (13) A1

(21) PCT/GB03/01530

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 0208082.8 8 Apr/avr 2002 GB
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTICAL AMPLIFIERS

• AMPLIFICATEURS OPTIQUES

(71) MARCONIUK INTELLECTUAL PROP-
ERTY LTD [GB/GB]; New Century Park,
P.O. Box 53, Coventry CV3 1HJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PEGG, Steven, Ian [GB/GB]; 2 Henry
Bird Court, Northampton NN4 8GF (GB).

(74) HOSTE, Colin, Francis; Marconi In-
tellectual Property, Marrable House, The
Vineyards, Great Baddow, Chelmsford, Es-
sex CM2 7QS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01S 3/08

(11) WO 03/088434 (13) A1

(21) PCT/EP03/03794

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 16 627.7 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIBRE LASER COMPRISING A MODE-
SELECTIVE CAVITY MIRROR

• LASER A FIBRE COMPORTANT UN
MIROIR RESONATEUR A MODE SE-
LECTIF

(71) CARL ZEISS MEDITEC AG [DE/DE];
Göschwitzer Strasse 51-52, 07745 Jena (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KEMPE, Michael [DE/DE]; Am
Mönchenberge 8, 07751 Kunitz (DE).
MACK, Stefan [DE/DE]; Kandelstrasse
39, 79106 Freiburg (DE). MÜHLHOFF,
Dirk [DE/DE]; Am Mönchenberge 2, 07751
Kunitz (DE).

(74) BREIT, Ulrich et al. / etc.; Geyer, Fehners &
Partner, Perhamerstrasse 31, 80687 München
(DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H01S 3/0941, 3/10

(11) WO 03/088435 (13) A1

(21) PCT/JP02/03873

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LASER OSCILLATOR AND OPTICAL
AMPLIFIER

• OSCILLATEUR LASER ET AMPLIFI-
CATEUR OPTIQUE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMAMOTO, Shuhei [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). IMAKI, Masao [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). HIRANO, Yoshihito [JP/JP];
c/o Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H01S 3/13, 5/0687, G01J 9/00

(11) WO 03/088436 (13) A1

(21) PCT/JP02/03715

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WAVELENGTH MONITOR DEVICE

• APPAREIL DE CONTROLE DE LON-
GUEUR D'ONDE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIKAMI, Yohei [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
IMAKI, Masao [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
HIRANO, Yoshihito [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H01S 3/23, 3/10

(11) WO 03/088437 (13) A1

(21) PCT/US03/07997

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/122,045 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REGENERATIVE AMPLIFIER WITH
FREQUENCY SYNTHESIZER

• AMPLIFICATEUR REGENERATEUR
COMPRENANT UN SYNTHETISEUR
DE FREQUENCE

(71) COHERENT, INC. [US/US]; 5100 Patrick
Henry Drive, Santa Clara, CA 95056-0980
(US).

(72) PANG, Yang; 3297 Pomerado Drive, San
Jose, CA 95135 (US).

(74) STALLMAN, Michael, A. et al. / etc.; Stall-
man & Pollock L.L.P., 121 Spear Street, San
Francisco, CA 94105 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ H01S 5/062

(11) WO 03/088438 (13) A2

(21) PCT/FR03/01191

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 02/04868 **18 Apr/avr 2002** FR
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR STABILISING A DIS-
TRIBUTED-REFLECTOR LASER
SOURCE

• PROCEDE DE STABILISATION POUR
SOURCE LASER A REFLECTEUR DIS-
TRIBUE

(71) ALCATEL [FR/FR]; 54, rue la Boétie,
F-75008 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILLARD, Hélène [FR/FR]; 2, square
Raphaël, Résidence Orsay, F-78150 Le
Chesnay (FR). LEROY, Arnaud [FR/FR];
23-25, rue Dareau, F-75014 Paris (FR).
RAËL, Philippe [FR/FR]; 1, allée du
Château, F-41100 Meslay (FR). CHAM-
BON, Stéphanie [FR/FR]; 51, boulevard
Desgrange, F-92330 Sceaux (FR).

(74) FOURNIER, Michel-Robert 2; Compagnie
Financière Alcatel DPI, 5, rue Noël Pons,
F-92734 Nanterre Cedex (FR).

(81) JP US.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01S 5/183

(11) WO 03/088439 (13) A1

(21) PCT/US03/11093

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/121,490 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RESONANT REFLECTOR FOR IN-
CREASED WAVELENGTH AND PO-
LARIZATION CONTROL

• REFLECTEUR RESONNANT POUR
COMMANDE AMELIOREE DE LON-
GUEUR D'ONDE ET DE POLARISA-
TION

(71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, P.O. Box
2245, Morristown, NJ 07962-2245 (US).

(72) COX, James, A.; 1842 26th Avenue N.W.,
New Brighton, MN 55112 (US). MORGAN,
Robert, A.; 2210 Ranchview Lane No. #131,
Plymouth, MN 55447 (US).

(74) CRISS, Roger, H.; Honeywell International
Inc. (Law Dept), 101 Columbia Road, P.O.
Box 2245, Morristown, NJ 07962-2245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ H01T

(11) WO 03/088440 (13) A2

(21) PCT/IL03/00289

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 149059 **9 Apr/avr 2002** IL
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR
BIPOLAR ION GENERATION

• PROCEDE ET DISPOSITIF DE PRO-
DUCTION D'IONS BIPOLAIRES

(71, 72) RISKIN, Yefim [IL/IL]; 30 Dovrat st.,
12900 Katzin (IL).

(74) MILLER-SIERADZKI, ADVOCATES &
PATENT ATTORNEYS; P.O.B 6145, 31061
Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H02B 1/20, 1/32, H01H 33/66

(11) WO 03/088441 (13) A1

(21) PCT/JP02/03690

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METAL CLOSED TYPE DISTRIBUTOR
• ARMOIRE DE DISTRIBUTION ME-
TALLIQUE FERMEE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OKAZAWA, Hiroshi [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). SATOU, Toshifumi [JP/JP];
c/o Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). UENUSHI, Masashi [JP/JP];
c/o Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). SANO, Kouji [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN ID IN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H02B 1/20

(11) WO 03/088442 (13) A2

(21) PCT/US03/09066

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/117,306 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CABLE MANAGEMENT APPARATUS
• DISPOSITIF DE GESTION DE CABLES

(71) ADC TELECOMMUNICATIONS, INC.
[US/US]; 13625 Technology Drive, Eden
Prairie, MN 55344 (US).

(72) MCCLELLAN, Terry, E.; 9090 Peony
Lane N., Maple Grove, MN 55301 (US).
BLUBAND, Zakhary; 11484 Fairfield Road
#401, Minnetonka, MN 55305 (US).

(74) BRUESS, Steven, C.; Merchant & Gould
P.C., P.O. Box 2903, Minneapolis, MN
55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H02G 3/22

(11) WO 03/088443 (13) A1

(21) PCT/EP03/03842

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de
(30) 102 16 650.1 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CABLE LEAD-THROUGH STRIP
• BAGUETTE DE PASSAGE DE CABLES

(71) MURRPLASTIK SYSTEM-TECHNIK GMBH [DE/DE]; Fabrikstrasse 10, 71570 Oppenweiler (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHARF-MARTINI, Lutz [DE/DE]; Grafenbergweg 136, 73614 Schorndorf (DE). SOHN, Wolfgang [DE/DE]; Filderstr.37, 73734 Esslingen (DE). HABEL, Martin [DE/DE]; Seewiesenstr. 34, 74626 Bretzfeld-Waldbach (DE). FUNK, Rainer [DE/DE]; Lerchenstr. 26, 71543 Wüstenrot (DE).

(74) JECK, Anton; Klingengasse 2, 71665 Vaihingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02G 15/00

(11) WO 03/088444 (13) A2

(21) PCT/EP03/03720

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 16 379.0 12 Apr/avr 2002 DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MEASURING DEVICE FOR THE ANALYSIS OF LIQUIDS AND/OR GASES
• DISPOSITIF DE MESURE POUR L'ANALYSE D'UN LIQUIDE ET/OU D'UN GAZ

(71) ENDRESS + HAUSER CONDUCTA GMBH+CO. KG [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIERKÖTTER, Axel [DE/DE]; Osterwiesenstrasse 13, 71277 Rutesheim (DE). WITTMER, Detlev [DE/DE]; Distelweg 34, 75433 Maulbronn (DE).

(74) ANDRES, Angelika; c/o Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02H

(11) WO 03/088445 (13) A2

(21) PCT/US03/11301

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/121,445 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR ARC DETECTION

• APPAREIL ET PROCÉDE DE DÉTECTION D'ARC

(71) SCHNEIDER AUTOMATION INC. [US/US]; One High Street, North Andover, MA 01845 (US).

(72) BUDA, Paul, R.; 7917 Old Deer Trail, Raleigh, NC 27615 (US).

(74) GOLDEN, Larry, I.; General Patent Counsel, Square D Company, 1415 S. Roselle Road, Palatine, IL 60067 (US).

(81) CA MX.

(51)⁷ H02J 7/00

(11) WO 03/088446 (13) A1

(21) PCT/EP03/03941

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 831.8 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BATTERY CHARGE CONTROL CIRCUIT FOR A BATTERY PACK CONSISTING OF RE-CHARGEABLE BATTERY ELEMENTS

• CIRCUIT DE CONTRÔLE DE CHARGE POUR UN BLOC-BATTERIE CONSTITUÉ D'ÉLÉMENTS DE BATTERIE RECHARGEABLES

(71) SANYO ENERGY (EUROPE) CORPORATION GMBH [DE/DE]; Stahlgruberring 4, 81829 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THORSOE, Jan [DK/DK]; Ornevej 23, 9230 Svenstrup (DK). OEFELE, Karl [DE/DE]; Buchsteinweg 13B, 83661 Lengries (DE).

(74) WEICKMANN, Franz, Albert et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02J 7/06

(11) WO 03/088447 (13) A1

(21) PCT/CA03/00513

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2,380,586 5 Apr/avr 2002 CA
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FAST PULSE BATTERY CHARGER

• CHARGEUR DE BATTERIE A IMPULSIONS RAPIDES

(71) POWERGENIX SYSTEMS, INC. [CA/CA]; 204 Lambert Street, Suite #204, Whitehorse, Yukon V1A 3T2 (CA).
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(72, 75) FELDSTEIN, Robert, S. [US/US]; 57 - 47th Street, Maspeth, NY 11378 (US).

(74) MARKS & CLERK (TORONTO); 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H02K

(11) WO 03/088448 (13) A2

(21) PCT/FI03/00284

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fi (26) en

(30) 20020740 17 Apr/avr 2002 FI
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FASTENING OF THE STATOR OF A FLAT ELEVATOR MOTOR

• FIXATION D'UN STATOR DE MOTEUR DE MONTE-CHARGE

(71) KONE CORPORATION [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).
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(72, 75) AULANKO, Esko [FI/FI]; Käenkuja 6 C 33, FIN-04230 Kerava (FI). MUSTALAHTI, Jorma [FI/FI]; Raivaajantie 13, FIN-05620 Hyvinkää (FI). HUPPUNEN, Jussi [FI/FI]; Kierniemenraitti 8 B 25, FIN-53850 Lappeenranta (FI).

(74) KONE CORPORATION; Patent Department, P.O. Box 677, FIN-05801 Hyvinkää (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 1/27

(11) WO 03/088449 (13) A1

(21) PCT/DE02/04629

(22) 18 Dec/déc 2002 (18.12.2002)

(25) de (26) de

(30) 102 16 098.8 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MAGNETIC RETURN PATH AND PERMANENT-MAGNET FIXING OF A ROTOR

• CULASSE DE REFLUX MAGNETIQUE ET FIXATION D'UN ROTOR PAR DES AIMANTS PERMANENTS

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) KOENIG, Tilo [DE/DE]; Am Eichenwaeldchen 30, 77830 Buchlertal (DE).

(81) CN HU JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H02K 1/27

(11) WO 03/088450 (13) A1

(21) PCT/DE03/00767

(22) 11 Mar/mar 2003 (11.03.2003)

(25) de (26) de

(30) 102 16 476.2 13 Apr/avr 2002 DE (13.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROTOR FOR AN ELECTRIC MACHINE
• ROTOR POUR UNE MACHINE ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KASTINGER, Guenter [DE/DE]; Buchnaeckerstr. 1, 76571 Gaggenau-Sulzbach (DE). EVANS, Steven-Andrew [DE/DE]; Berliner Strasse 10, 77813 Buehl (DE).

(81) AU BR CA CN ID IN JP KR MX NO NZ PL RO RU SG US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H02K 1/27, 19/10

(11) WO 03/088451 (13) A1

(21) PCT/JP03/04240

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(30) 2002-101279 3 Apr/avr 2002 JP (03.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOTOR ROTOR
• ROTOR DE MOTEUR

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) SHIGA, Tsuyoshi; Room 3203, 303, Sekobo 1-chome, Meito-ku, Nagoya-shi, Aichi 465-0055 (JP).

(74) SATO, Tsuyoshi; Nagoya Aoba Seimei Building, 6-15, Sakae 4-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CN KR.

(84) EP (DE FR GB IT).

(51)⁷ H02K 5/14

(11) WO 03/088452 (13) A1

(21) PCT/JP02/03692

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AC GENERATOR FOR VEHICLE
• GENERATEUR CA POUR VEHICULE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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(72, 75) INOUE, Hirokazu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAKAHASHI, Tomoki [JP/JP]; c/o Mitsubishi Electric Engineering Company, Limited, 1-13-5, Kudankita, Chiyoda-ku, Tokyo 102-0073 (JP). HAYASHI, Hideyuki [JP/JP]; c/o Mitsubishi Electric Engineering Company, Limited, 1-13-5, Kudankita, Chiyoda-ku, Tokyo 102-0073 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN JP KR US.

(84) EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02K 5/24, 5/22, 29/08, 5/15, 3/38, 5/08

(11) WO 03/088453 (13) A1

(21) PCT/DE03/01186

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(30) 102 15 715.4 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 41 068.2 5 Sep/sep 2002 DE (05.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DRIVE ARRANGEMENT WITH A FIXED BEARING

• GROUPE MOTEUR COMPORTANT UN PALIER FIXE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Buehl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRT, Joachim [DE/DE]; Kapuzinergasse 8, 77704 Oberkirch (DE). ESLY, Norbert [DE/DE]; Tucherstrasse 26, 77815 Buehl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H02K 21/12, 1/27

(11) WO 03/088454 (13) A1

(21) PCT/CA03/00518

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/371,422 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSVERSE FLOW ELECTRIC MACHINE WITH A TOOTHED ROTOR

• MACHINE ÉLECTRIQUE À FLUX TRANSVERSE À ROTOR DENTELÉ

(71) ÉOCYCLE TECHNOLOGIES INC. [CA/CA]; 49 rue Bel-Air, Bureau 106, Lévis, Québec G6V 6K9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUBOIS, Maxime [CA/CA]; 7034 rue Marc-Aurèle Fortin, Lévis, Québec G6V 8T7 (CA). POLINDER, Henk [NL/NL]; Burg Molenbroekstraat 20, NL-2645 NK Delfgauw (NL). FERREIRA, Jan, Abraham

- [ZA/NL]; Wethouder Verheulplantsoen 6, NL-2289 KE Rijswijk (NL).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 21/38
- (11) WO 03/088455 (13) A1
- (21) PCT/EP03/03701
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) de (26) de
- (30) 102 17 285.4 12 Apr/avr 2002 DE (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ELECTROMECHANICAL POWER CONVERTER
- CONVERTISSEUR D'ENERGIE ELECTROMECHANIQUE
- (71) CORETA GMBH [DE/DE]; Fetscherstr. 72, 01307 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALTER, Steffen [DE/DE]; Jessnerstr. 66, 10247 Berlin (DE). GEORGI, Michael [DE/DE]; Dorfstrasse 20, 01257 Dresden (DE). HOPF, Peter [DE/DE]; Senftenberger Str. 56, 01239 Dresden (DE). REIN, Claus [DE/DE]; Holbeinstr. 90, 01309 Dresden (DE).
- (74) HENGELHAUPT, Jürgen, D. et al. / etc.; GULDE HENGELHAUPT ZIEBIG & SCHNEIDER, Schützenstrasse 15 - 17, 10117 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 31/00, B60L 11/18
- (11) WO 03/088456 (13) A1
- (21) PCT/CA02/00481
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (30) 102 17 235.8 18 Apr/avr 2002 DE (18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • FUEL CELL POWERED ELECTRICAL MOTOR
- MOTEUR ELECTRIQUE ALIMENTE PAR PILES A COMBUSTIBLE
- (71) POWERDISC DEVELOPMENT CORPORATION LTD. [CA/CA]; P.O. Box 1010-5658, Vedder Road, Chilliwack, British Columbia V2R 3N7 (CA).
- (72) LEGER, David, Earl; 50 Nicomen Drive, Chilliwack, British Columbia V3R 2L8 (CA). BLACK, Shane, Carver; 50841 O'Byrne Road, Chilliwack, British Columbia V4Z 1B6 (CA). McDONALD, Mark, Chesley; 608 Mountain View Road, Cultus Lake, British Columbia V2R 4Z5 (CA).
- (74) LEE, Brian; Gowling Lafleur Henderson LLP, 2300 - 1055 Dunsmuir Street, PO Box 49122, Vancouver, BC V7X 1J1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 53/00
- (11) WO 03/088457 (13) A1
- (21) PCT/BR02/00064
- (22) 6 May/mai 2002 (06.05.2002)
- (25) en (26) en
- (30) PI 0201283 12 Apr/avr 2002 BR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MAGNETIC MOTOR
- MOTEUR MAGNETIQUE
- (71, 72) OTTONI, Fernando, Carvalho, Benedicto [BR/BR]; Rua Paraiba, 95, Centro, CEP-37701-022 Poços de Caldas, MG (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02M
- (11) WO 03/088458 (13) A2
- (21) PCT/IB03/01424
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 102 17 235.8 18 Apr/avr 2002 DE (18.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CIRCUIT ARRANGEMENT FOR GENERATING DC VOLTAGES
- MONTAGE DE CIRCUIT POUR GENERER DES TENSIONS DE COURANT CONTINU
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) MUTH, Matthias [DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).
- (74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02M
- (11) WO 03/088459 (13) A2
- (21) PCT/US03/10436
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 60/370,091 4 Apr/avr 2002 US (04.04.2002)
- (30) 10/406,367 3 Apr/avr 2003 US (03.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • LOW-POWER DRIVER WITH ENERGY RECOVERY
- CIRCUIT D'ATTAQUE BASSE PUISSANCE AVEC RECUPERATION D'ENERGIE
- (71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109 (US).
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- (72, 75) KIM, Joohee [KR/US]; 1851 Lake Lila Drive, No. 9B6, Ann Arbor, MI 48105 (US). PAPAETHYMIU, Marios, C. [GR/US]; 1852 Chicory Ridge Road, Ann Arbor, MI 48103 (US).
- (74) FORBIS, Glenn, E. et al. / etc.; Rader, Fishman & Grauer PLLC, 39533 Woodward Avenue, Suite 140, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/00

(11) WO 03/088460 (13) A2

(21) PCT/CH03/00244

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,132 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SOFT SWITCHING HIGH EFFICIENCY FLYBACK CONVERTER

• CONVERTISSEUR A RETOUR DE SPOT A EFFICACITE ELEVEE ET A COMMUTATION SOUPLE

(71) ASCOM ENERGY SYSTEMS AG [CH/CH]; Belpstrasse 37, CH-3000 Bern 14 (CH).

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(72, 75) JITARU, Ionel, D. [US/US]; 2378 North Sun Lake Place, Tucson, AZ 85711 (US).

(74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H02M 3/07, G05F 1/56

(11) WO 03/088461 (13) A1

(21) PCT/DE03/00732

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) 102 15 748.0 10 Apr/avr 2002 DE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND CIRCUIT ARRANGEMENT FOR ELECTRONIC VOLTAGE REGULATION

• PROCEDE ET CIRCUIT DE REGULATION DE TENSION ELECTRONIQUE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

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(72, 75) NEBEL, Gerhard [DE/DE]; Hornstrasse 26, 87509 Immenstadt (DE).

(74) EPPING, HERMANN & FISCHER PATENTANWALTSGESELLSCHAFT MBH; Ridlerstrasse 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H02M 3/07, 3/137, H03L 7/093

(11) WO 03/088462 (13) A2

(21) PCT/US03/07327

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 10/117,320 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DC-TO-DC CONVERTER PROVIDING STABLE OPERATION

• CONVERTISSEUR CONTINU-CONTINU A FONCTIONNEMENT STABLE

(71) MICROTUNE (TEXAX), L.P. [US/US]; 2201 Tenth Street, Plano, TX 75074 (US).

(72) MUMPER, Eric; 1913 Lansdown Ct., Carrollton, TX 75010-4014 (US). LYNAUGH, Kevin, John; 7009 Rockrose Terrace, Carlsbad, CA 92009 (US).

(74) VIGUET, Ross, R.; Fulbright & Jaworski L.L.P., 2200 Ross Avenue, Suite 2800, Dallas, TX 75201-2784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/28, 7/12, H02H 7/10

(11) WO 03/088463 (13) A1

(21) PCT/CN03/00072

(22) 27 Jan/jan 2003 (27.01.2003)

(25) zh (26) zh

(30) 02112885.5 18 Apr/avr 2002 CN (18.04.2002)

(30) 02119637.0 16 May/mai 2002 CN (16.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GREEN SWITCH POWER SUPPLY WITH STANDBY FUNCTION AND ITS IC

• SOURCE D'ALIMENTATION A INTER-rupteur VERT PRESENTANT UNE FONCTION DE SECOURS, ET SON CI

(71) JIANG, Tao [CN/CN]; 8-601, No.33, Jin Xi-ang He, Nanjing, Jiangsu 210008 (CN).

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(71, 72) CHEN, Weibin [CN/CN]; 11-408, 18 Cun Yang Zi, Da Chang District, Nanjing, Jiangsu 210048 (CN).

(74) NTD PATENT & TRADEMARK AGENCY LTD. BEIJING OFFICE; 10th

Floor, Block A, Investment Plaza, 27 Jinrong-dajie, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/28

(11) WO 03/088464 (13) A1

(21) PCT/JP03/04316

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 2002-116153 18 Apr/avr 2002 JP (18.04.2002)

(30) 2003-055700 3 Mar/mar 2003 JP (03.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SWITCHING POWER SUPPLY UNIT

• UNITE D'ALIMENTATION A DECOU-PAGE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

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(72, 75) SUZUKI, Hitoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H02M 3/335

(11) WO 03/088465 (13) A1

(21) PCT/CH03/00245

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,280 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGH EFFICIENCY FLYBACK CONVERTER

- CONVERTISSEUR A TRANSFERT INDIRECT HAUTE EFFICACITE
- (71) **ASCOM ENERGY SYSTEMS AG** [CH/CH]; Belpstrasse 37, CH-3000 Bern 14 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JITARU, Ionel, Dan** [US/US]; 2378 North Sun Lake Place, Tucson, AZ 85711 (US).
- (74) **ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).**
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **H02M 3/335, 1/12, 1/14, 7/538**
 (11) **WO 03/088466** (13) A1
 (21) PCT/US03/10887
 (22) **10 Apr/avr 2003 (10.04.2003)**
 (25) en (26) en
 (30) 60/371,144 **10 Apr/avr 2002 US (10.04.2002)**

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **INVERTER FOR PRODUCING A TRUE SINE WAVE**
 • **INVERSEUR DESTINE A PRODUIRE UNE OMBRE SINUSOIDALE REELLE**
- (71) **VECTOR PRODUCTS, INC.** [US/US]; 4140 Southwest 28th Way, Fort Lauderdale, FL 33312 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRIEGER, Michael** [US/US]; 34 West Dilido Drive, Miami Beach, FL 33139 (US).
RANDOLPH, Bruce [US/US]; c/o Vector Products, Inc., 4140 S.W. 28th Way, Ft. Lauderdale, FL 33312 (US).
- (74) **KINBERG, Robert et al. / etc.; Venable, 1201 New York Avenue, N.W., Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H02M 3/337, 3/28**
 (11) **WO 03/088467** (13) A2
 (21) PCT/CH03/00243
 (22) **11 Apr/avr 2003 (11.04.2003)**
 (25) en (26) en
 (30) 60/372,172 **12 Apr/avr 2002 US (12.04.2002)**

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **SOFT SWITCHING CONVERTER USING CURRENT SHAPING**
 • **CONVERTISSEUR A COMMUTATION SOUPLE METTANT EN OEUVRE UNE CORRECTION DE COURANT**
- (71) **ASCOM ENERGY SYSTEMS AG** [CH/CH]; Belpstrasse 37, CH-3000 Bern 14 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JITARU, Ionel, Dan** [US/US]; 2378 North Sun Lake Place, Tucson, AZ 85711 (US).
- (74) **ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).**

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **H02M 5/40, 1/12, 1/14**
 (11) **WO 03/088468** (13) A1
 (21) PCT/CN03/00250
 (22) **8 Apr/avr 2003 (08.04.2003)**
 (25) zh (26) zh
 (30) 02113612.2 **15 Apr/avr 2002 CN (15.04.2002)**
 (30) 02222245.6 **15 Apr/avr 2002 CN (15.04.2002)**

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **MULTIFUNCTION POWER CONVERTOR**
 • **CONVERTISSEUR DE PUISSANCE POLYVALENT**
- (71, 72) **WU, Jialin** [CN/CN]; 3# Unit 3, N° 5 Kehua Alley, Wuhou District, Chengdu, Sichuan 610000 (CN).
- (74) **CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (HK).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H02P 1/04, 3/00, 7/00, H02H 7/08, G05B 5/00, G05D 3/00**

(11) **WO 03/088469** (13) A1
 (21) PCT/US03/10344
 (22) **4 Apr/avr 2003 (04.04.2003)**
 (25) en (26) en
 (30) 10/118,523 **8 Apr/avr 2002 US (08.04.2002)**
 (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • **METHOD AND APPARATUS FOR PULSE VARIABLE-CONTROLLED MOVABLE OBSTACLE DETECTION**
 • **PROCEDE ET APPAREIL DE DETECTION D'OBSTACLE MOBILE COMMANDEE PAR UNE VARIABLE D'IMPULSION**
- (71) **THE CHAMBERLAIN GROUP, INC.** [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).
- (72) **FITZGIBBON, James;** 1521 Hadley Drive, Batavia, IL 60610 (US).
- (74) **SAMPLES, Kenneth H. et al. / etc.; Fitch, Even, Tabin & Flannery, 120 South LaSalle, Suite 1600, Chicago, IL 60603 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **H02P 3/18, 7/00, 7/628**
 (11) **WO 03/088470** (13) A1
 (21) PCT/EP03/03111
 (22) **26 Mar/mar 2003 (26.03.2003)**
 (25) de (26) de
 (30) 102 16 836.9 **16 Apr/avr 2002 DE (16.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **ELECTRIC DRIVEN TOOL DEVICE**
 • **MACHINE-OUTIL ELECTRONIQUE**
- (71) **METABOWERKE GMBH** [DE/DE]; Metabo-Allee 1, 72622 Nürtingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHMOHL, Michael** [DE/DE]; Tulpenstrasse 4, 72119 Ammerbuch (DE).
- (74) **FRIZ, Oliver;** Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H02P 9/14**
 (11) **WO 03/088471** (13) A2
 (21) PCT/FR03/01167

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/05098 12 Apr/avr 2002 FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ARRANGEMENT FOR CARRYING OUT A METHOD FOR CONTROLLING A MULTI-PHASED AND REVERSIBLE ROTATING ELECTRICAL MACHINE ASSOCIATED WITH A HEAT ENGINE OF A MOTOR VEHICLE

- AGENCEMENT POUR LA MISE EN ŒUVRE D'UN PROCÉDE DE COMMANDE D'UNE MACHINE ÉLECTRIQUE TOURNANTE POLYPHASEE ET REVERSIBLE ASSOCIEE A UN MOTEUR THERMIQUE D'UN VEHICULE AUTOMOBILE

(71) VALEO EQUIPEMENT ELECTRIQUES MOTEUR [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR).

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(72, 75) SEBILLE, Dominique [FR/FR]; 12, rue Victor Carmignac, F-94110 Arcueil (FR).

(74) GAMONAL, Didier; Valéo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil Cedex (FR).

(81) DE US.

(51)⁷ H03B

(11) WO 03/088472 (13) A2

(21) PCT/US03/10983

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,055 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ATOMIC CLOCK BASED ON AN OPTO-ELECTRONIC OSCILLATOR

- HORLOGE ATOMIQUE FONDEE SUR UN OSCILLATEUR OPTO-ELECTRONIQUE

(63) US 60/371,055 (CON)
9 Apr/avr 2002 (09.04.2002)

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).

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(72, 75) MALEKI, Lutfullah [US/US]; 1230 Glen Oaks Boulevard, Pasadena, CA 91105 (US). YU, Nan [US/US]; 2144 Highland Vista Drive, Arcadia, CA 91006 (US).

(74) HARRIS, Scott, C.; Fish & Richardson PC, 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03B 5/12

(11) WO 03/088473 (13) A1

(21) PCT/NL02/00221

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OSCILLATOR CIRCUIT AND OSCILLATOR BIASING METHOD

- CIRCUIT OSCILLATEUR ET PROCÉDE DE POLARISATION D'OSCILLATEUR

(71) TELEFONAKTIEBOLAGET L. M. ERICSSON [SE/SE]; Telefonvagen 30, SE-126 25 Stockholm (SE).

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(72, 75) VAN ZEIJL, Paulus, Thomas, Maria [NL/NL]; Dasstraat 52, NL-7559 AD Hengelo (NL).

(74) PRINS, A., W.; c/o Vereenigde, Nieuwe Parklaan 97, 2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03B 5/32

(11) WO 03/088474 (13) A1

(21) PCT/JP03/04628

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-114268 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HIGHLY STABLE PIEZO-OSCILLATOR

- PIEZO-OSCILLATEUR A STABILITE ELEVEE

(71) TOYO COMMUNICATION EQUIPMENT CO., LTD. [JP/JP]; 484, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8513 (JP).

(72) SATOH, Tomio; c/o Toyo Communication Equipment, Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP).

(74) SUZUKI, Hitoshi; Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).

(81) CN DE.

Published / Publiée : (a)

(51)⁷ H03H 3/08, 9/02

(11) WO 03/088475 (13) A1

(21) PCT/FR03/00989

(22) 28 Mar/mar 2003 (28.03.2003)

(25) fr (26) fr

(30) 02/04630 12 Apr/avr 2002 FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERCONNECTION DEVICE FOR ACOUSTIC WAVE INTERFACE COMPONENTS

- DISPOSITIF D'INTERCONNEXION POUR COMPOSANTS A ONDES ACOUSTIQUES D'INTERFACE

(71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).

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(72, 75) SOLAL, Marc [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). CALISTI, Serge [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR). LAUDE, Vincent [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR). BALLANDRAS, Sylvain [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR). CAMOU, Serge [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR).

(74) ESSELIN, Sophie et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 7/12, 11/12

(11) WO 03/088476 (13) A1

(21) PCT/US03/11073

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,664 10 Apr/avr 2002 US
(10.04.2002)(30) 10/409,552 7 Apr/avr 2003 US
(07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CIRCUIT AND METHOD FOR ADJUSTING CIRCUIT TOLERANCES

- CIRCUIT ET PROCÉDE PERMETTANT DE RÉGLER DES TOLERANCES DE CIRCUIT

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **BAZARJANI, Seyfollah**; 12906 Caminito Beso, San Diego, CA 92130 (US).

(74) **WADSWORTH, Philip R.** et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 7/24, 11/24

(11) WO 03/088477 (13) A1

(21) PCT/JP02/07558

(22) 25 Jul/juil 2002 (25.07.2002)

(25) ja (26) ja

(30) 2002-111732 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VARIABLE ATTENUATOR
• ATTENUATEUR VARIABLE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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(72, 75) **TANIGUCHI, Eiji** [JP/JP]; c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SAWAUMI, Chiemi** [JP/JP]; c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SUEMATSU, Noriharu** [JP/JP]; c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MAEDA, Kenichi** [JP/JP]; c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **IKUSHIMA, Takayuki** [JP/JP]; c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H03H 7/30, 7/40, H03K 5/159

(11) WO 03/088478 (13) A1

(21) PCT/US03/10272

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 10/117,293 5 Apr/avr 2002 US (05.04.2002)

(30) 10/244,500 16 Sep/sep 2002 US (16.09.2002)

(30) 10/290,674 8 Nov/nov 2002 US (08.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMPENSATION CIRCUIT AND METHOD FOR REDUCING INTER-SYMBOL INTERFERENCE PRODUCTS CAUSED BY SIGNAL TRANSMISSION VIA DISPERSIVE MEDIA
• CIRCUIT DE COMPENSATION ET PROCÉDE POUR REDUIRE LES PRODUITS DE BROUILLAGE INTERSYMBOLIQUE PROVOQUES PAR LA TRANSMISSION DE SIGNAUX DANS DES MILIEUX DISPERSIFS

(71) **SCINTERA NETWORKS, INC.** [US/US]; 4340 Stevens Creek Blvd. #260, San Jose, CA 95129 (US).

(72) **SHANBHAG, Abhijit, G.**; 4250 Albany Drive #F-106, San Jose, CA 95129 (US). **PHANSE, Abhijit**; 444 Saratoga Ave., Santa Clara, CA 95050 (US).

(74) **DALLA VALLE, Mark, A.**; Wildman, Harrold, Allen & Dixon, 225 W. Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 7/30, 7/40, H03K 5/159

(11) WO 03/088479 (13) A1

(21) PCT/US03/10799

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,380 5 Apr/avr 2002 US (05.04.2002)

(30) 60/370,413 5 Apr/avr 2002 US (05.04.2002)

(30) 10/407,610 4 Apr/avr 2003 US (04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSPOSED STRUCTURE FOR A DECISION FEEDBACK EQUALIZER COMBINED WITH A TRELLIS DECODER
• STRUCTURE TRANSPOSEE POUR EGALISEUR A RETROACTION DE LA DECISION COMBINE A UN DECODEUR EN TREILLIS

(71) **LINX ELECTRONICS, INC.** [US/US]; 1230 West Northwest Highway, Palatine, IL 60067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Shidong** [US/US]; 844 Panorama Drive, Apartment 304, Palatine,

IL 60067 (US). **ZHU, Julian** [US/US]; 844 Panorama Drive, Apartment 304, Palatine, IL 60067 (US). **YANG, Xiaojun** [US/US]; 979 Lilly Lane, Palatine, IL 60074 (US).

(74) **CANTRELL, Quentin, G.** et al. / etc.; Woodard, Emhardt, Moriarty, Mcnnett & Henry LLP, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 7/38, H01P 5/00

(11) WO 03/088480 (13) A1

(21) PCT/US03/10449

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/120,170 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BROAD BAND IMPEDANCE MATCHING DEVICE
• DISPOSITIF D'ADAPTATION D'IMPEDANCE A LARGE BANDE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **ESTES, John, C.**; 1909 East Kentucky Lane, Tempe, AZ 85248 (US). **ZHAO, Lei**; 2641 West Shannon Court, Chandler, AZ 85224 (US). **PAVIO, Anthony, M.**; 6431 East Joshua Tree Lane, Paradise Valley, AZ 85253 (US). **THOMPSON, William, J.**; 6821 West Megan Street, Chandler, AZ 85224 (US).

(74) **PICKENS, Kevin, S.** et al. / etc.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 7/40

(11) WO 03/088481 (13) A1

(21) PCT/US03/10787

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,380 5 Apr/avr 2002 US
(05.04.2002)(30) 60/370,413 5 Apr/avr 2002 US
(05.04.2002)(30) 10/407,404 4 Apr/avr 2003 US
(04.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYNCHRONIZATION SYMBOL RE-INSERTION FOR A DECISION FEED-BACK EQUALIZER COMBINED WITH A TRELLIS DECODER

- REINSERTION DE SYMBOLES DE SYNCHRONISATION POUR UN EGALISEUR A DECISION RETROACTIVE COMBINE A UN DECODEUR EN TREILLIS

(71) LINX ELECTRONICS, INC. [US/US]; 1230 West Northwest Highway, Palatine, IL 60067 (US).

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(72, 75) CHEN, Shidong [US/US]; 844 Panorama Drive, Apartment 304, Palatine, IL 60067 (US). ZHU, Jilian [US/US]; 844 Panorama Drive, Apartment 304, Palatine, IL 60067 (US). YANG, Xiaojun [US/US]; 979 Lilly Lane, Palatine, IL 60074 (US).

(74) CANTRELL, Quentin, G. et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 9/02, 3/08

(11) WO 03/088482 (13) A1

(21) PCT/FR03/00988

(22) 28 Mar/mar 2003 (28.03.2003)

(25) fr (26) fr

(30) 02/04629 12 Apr/avr 2002 FR
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MODULE COMPRISING ACOUSTIC WAVE INTERFACE COMPONENTS

- MODULE COMPRENANT DES COMPOSANTS A ONDES ACOUSTIQUES D'INTERFACE

(71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).

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(72, 75) SOLAL, Marc [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand,

F-94117 Arcueil Cedex (FR). LAUDE, Vincent [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). BALLANDRAS, Sylvain [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). CAMOU, Serge [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(74) ESSELIN, Sophie et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03H 9/64, 9/145, 9/25

(11) WO 03/088483 (13) A1

(21) PCT/JP03/04692

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-111715 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SURFACE ACOUSTIC WAVE DEVICE, AND MOBILE COMMUNICATION DEVICE AND SENSOR BOTH USING SAME

- DISPOSITIF A ONDES ACOUSTIQUES DE SURFACE, APPAREIL DE COMMUNICATION MOBILE ET CAPTEUR METTANT TOUS DEUX EN OEUVRE LEDIT DISPOSITIF

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAYAMA, Ryoichi [JP/JP]; 2-21-19, Nishikinya, Hirakata-shi, Osaka 573-1192 (JP). SEKI, Shunichi [JP/JP]; 3-4-1-402, Kema, Amagasaki-shi, Hyogo 661-0982 (JP). KAWASAKI, Tetsuo [JP/JP]; 5-6-9, Myokenhigashi, Katano-shi, Osaka 576-0012 (JP). NAKANISHI, Hidekazu [JP/JP]; 6-7-203, Narita-cho, Neyagawa-shi, Osaka 572-0004 (JP). HASEGAWA, Koji [JP/JP]; 2-9-12, Hinode-cho, Muroran-shi, Hokkaido 050-0081 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H03K 5/13, 5/00

(11) WO 03/088484 (13) A1

(21) PCT/US02/11350

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VCO TUNING CURVE COMPENSATED CHARGE PUMP CURRENT SYNTHESIZER

- SYNTHETISEUR A COURANT DE POMPAGE DE CHARGE COMPENSEE PAR COURBE D'ACCORD VCO

(71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) GRIFFITH, Scott, A.; 705 Loma Adria, San Clemente, CA 92672 (US). TRINH, Trang, N.; 11690 Midway Drive, Cypress, CA 90630 (US). GOOD, Pete; 32762 Rachel Circle, Dana Point, CA 92629 (US).

(74) SHEKLETON, Gerald, T. et al. / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 5/13, 5/159, 3/017

(11) WO 03/088485 (13) A1

(21) PCT/US03/11205

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,506 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • THE TIME OF FLIGHT SYSTEM ON A CHIP

- SYSTEME SOC DE MESURE DU TEMPS DE VOL

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

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(72, 75) PASCHALIDIS, Nicholas, P. [GR/US]; 604 Stone House Lane, Silver Spring, MD 20905 (US).

(74) ROCA, Benjamin, Y. et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03K 17/94, 17/945**
- (11) **WO 03/088486** (13) A2
- (21) PCT/IB03/01455
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) fr (26) fr
- (30) 02/04742 **16 Apr/avr 2002 FR (16.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR INTERPRETATION OF A RADIO-ELECTRICAL COMMAND
• PROCEDE D'INTERPRETATION D'UN ORDRE RADIO-ELECTRIQUE
- (71) **SIMINOR TECHNOLOGIES CASTRES SÄRL** [FR/FR]; 8, rue Mérigonde, F-81100 Castres (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTY, Jacques** [FR/FR]; Mas de Lenge, F-81360 Montredon Labessonnie (FR).
- (74) **MEYLAN, Robert, M. et al.** / etc.; BUGNION S.A., Case Postale 375, CH-1211 Genève 12 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03K 17/968, H01H 13/70, H04M 1/22**
- (11) **WO 03/088487** (13) A1
- (21) PCT/FI03/00261
- (22) **8 Apr/avr 2003 (08.04.2003)**
- (25) en (26) en
- (30) 20020717 **12 Apr/avr 2002 FI (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A SWITCH ARRANGEMENT AND A SWITCH MATRIX STRUCTURE FOR A KEYPAD
• ENSEMBLE DE COMMUTATION ET STRUCTURE DE MATRICE DE COMMUTATION POUR CLAVIER

- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÄÄTTÄ, Esa** [FI/FI]; Kangasvuokontie 3, FIN-37830 Viiala (FI). **SAUKKO, Jari** [FI/FI]; Laattapolku 3 B 26, FIN-33720 Tampere (FI). **VÄHÄ-YPYÄ, Henri** [FI/FI]; Näreikökatu 18 E 4, FIN-33820 Tampere (FI).
- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FIN-33720 Tampere (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03K 19/00**
- (11) **WO 03/088488** (13) A2
- (21) PCT/DE03/01059
- (22) **1 Apr/avr 2003 (01.04.2003)**
- (25) de (26) de
- (30) 102 17 375.3 **18 Apr/avr 2002 DE (18.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CIRCUIT ARRANGEMENT AND METHOD FOR GENERATING A DUAL-RAIL OUTPUT SIGNAL
• CIRCUIT ET PROCEDE POUR PRODUIRE UN SIGNAL DE SORTIE DOUBLE VOIE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÜNEMUND, Thomas** [DE/DE]; Lindwurmstr. 129c, 80337 München (DE). **SEDLAK, Holger** [DE/DE]; Kramergasse 2a, 82054 Sauerlach (DE).
- (74) **EPPING HERMANN FISCHER**; Patentanwalts-gesellschaft mbH, Ridlerstrasse 55, 80339 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **H03L**
- (11) **WO 03/088489** (13) A2
- (21) PCT/US03/11047
- (22) **11 Apr/avr 2003 (11.04.2003)**

- (25) en (26) en
- (30) 60/371,847 **11 Apr/avr 2002 US (11.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PLL FOR CLOCK RECOVERY WITH INITIALIZATION SEQUENCE
• PLL DESTINE A LA RECUPERATION DE DONNEES AU MOYEN D'UNE SEQUENCE D'INITIALISATION
- (71) **FAIRCHILD SEMICONDUCTOR CORPORATION** [US/US]; 82 Running Hill Road, South Portland, ME 04106 (US).
- (72) **MCDONALD, James J., II.**; 61 Barstow Road, Gorham, ME 04038 (US). **HULFACHOR, Ronald, B.**; 112 Oakhurst Road, Cape Elizabeth, ME 04107 (US). **WUNDERLICH, Jim**; 11 Overlook Lane, Cape Elizabeth, ME 04107 (US).
- (74) **PAUL, Edwin, H.**; CESARI and MCKENNA, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H03L 5/00, H03K 17/042**
- (11) **WO 03/088490** (13) A1
- (21) PCT/EP03/02939
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) de (26) de
- (30) 102 16 287.5 **12 Apr/avr 2002 DE (12.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INTEGRATABLE DRIVER CIRCUIT FOR DRIVING A POWER SEMICONDUCTOR
• CIRCUIT D'ATTAQUE INTEGRABLE POUR L'EXCITATION D'UN SEMI-CONDUCTEUR DE PUISSANCE
- (71) **EUPEC EUROPÄISCHE GESELLSCHAFT FÜR LEISTUNGSHALBLEITER MBH** [DE/DE]; Max-Planck-Strasse 5, 59581 Warstein (DE).
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- (72, 75) **MUENZER, Mark, Nils** [DE/DE]; Elizabeth-Rathus-Weg 34, 59494 Soest (DE).
- (74) **SCHMUCKERMAIER, Bernhard**; Westphal, Musgnug & Partner, Mozartstrasse 8, 80336 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H03L 7/00

(11) WO 03/088491 (13) A1

(21) PCT/US03/10020

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,296 5 Apr/avr 2002 US
(05.04.2002)(30) 60/370,295 5 Apr/avr 2002 US
(05.04.2002)(30) 60/370,283 5 Apr/avr 2002 US
(05.04.2002)(30) 10/404,516 1 Apr/avr 2003 US
(01.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA-DIRECTED FREQUENCY ACQUISITION LOOP

• BOUCLE D'ACQUISITION DE FREQUENCE GUIDÉE PAR LES DONNÉES

(71) LINX ELECTRONICS, INC. [US/US]; 1230 West Northwest Highway, Palatine, IL 60067 (US).

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(72, 75) CITTA, Richard, W. [US/US]; 739 North Columbian Street, Oak Park, IL 60302 (US). LOPRESTO, Scott, M. [US/US]; Apt. 313, 2291 South Lexington Drive, Mt. Prospect, IL 60056 (US). XIA, Jingsong [CN/US]; 1044 Evergreen Street, Mundelein, IL 60060 (US). ZHANG, Wenjun [CN/CN]; 55 West Huai Hai Road, 9F Shentong Info. Plaza, Shanghai 200030 (CN).

(74) CANTRELL, Quentin, G. et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry, LLP., Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03L 7/00

(11) WO 03/088492 (13) A1

(21) PCT/US03/10139

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,296 5 Apr/avr 2002 US
(05.04.2002)(30) 60/370,295 5 Apr/avr 2002 US
(05.04.2002)(30) 60/370,283 5 Apr/avr 2002 US
(05.04.2002)(30) 10/404,511 1 Apr/avr 2003 US
(01.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP

• BOUCLE D'ASSERVISSEMENT EN FREQUENCE ET EN PHASE DIRIGÉE PAR LES DONNÉES

(71) LINX ELECTRONICS, INC. [US/US]; 1230 West Northwest Highway, Palatine, IL 60067 (US).

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(72, 75) CITTA, Richard, W. [US/US]; 739 North Columbian Street, Oak Park, IL 60302 (US). LOPRESTO, Scott, M. [US/US]; 2291 South Lexington Drive, Apartment 313, Mount Prospect, IL 60056 (US). XIA, Jingsong [CN/US]; 1044 Evergreen Street, Mundelein, IL 60060 (US). ZHANG, Wenjun [CN/CN]; 55 West Huai Hai Road, 9F Shentong Info. Plaza, Shanghai 200030 (CN).

(74) CANTRELL, Quentin, G. et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03L 7/00, H04L 27/22, 7/00

(11) WO 03/088493 (13) A1

(21) PCT/US03/10720

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/122,712 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR SYMBOL TIMING RECOVERY

• APPAREIL ET PROCÉDE POUR LA RECUPERATION DE LA SYNCHRONISATION DES SYMBOLES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDDE, Gabriel, Alfred [US/US]; 8842 Malaga Drive, Apartment 1D, Indianapolis, IN 46250 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson Licensing Inc., 2 Independence Way - Suite 2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L 7/08

(11) WO 03/088494 (13) A1

(21) PCT/SE03/00574

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0201158-3 16 Apr/avr 2002 SE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW LEAKAGE CHARGE PUMP
• POMPE DE CHARGE A FAIBLE FUITE(71) SPIREA AB [SE/SE]; Norgvegatan 2, S-164 32 Kista (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONSSON, Fredrik [SE/SE]; Gulddragargränd 19, 3tr, S-162 58 Vällingby (SE).

(74) AWAPATENT AB; P.O. Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L 7/087, 7/089, 7/113

(11) WO 03/088495 (13) A1

(21) PCT/JP03/04924

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-114586 17 Apr/avr 2002 JP
(17.04.2002)(30) 2002-114668 17 Apr/avr 2002 JP
(17.04.2002)(30) 2002-130411 2 May/mai 2002 JP
(02.05.2002)(30) 2002-130510 2 May/mai 2002 JP
(02.05.2002)

- (30) 2002-158781 **31 May/mai 2002** JP
(31.05.2002)
- (30) 2002-313817 **29 Oct/oct 2002** JP
(29.10.2002)
- (30) 2002-313955 **29 Oct/oct 2002** JP
(29.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • IMAGE DISPLAY UNIT
• UNITE D'AFFICHAGE D'IMAGES
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIHEI, Norio** [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). **KITANO, Sou** [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). **TAKAGI, Mitsuharu** [JP/JP]; 3-21-33-304, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). **YAKUSHIJI, Manabu** [JP/JP]; 2-223-1, Sakuragaoka, Higashiyamato-shi, Tokyo 207-0022 (JP). **MURATA, Kazuya** [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). **SAKURAI, Ryou** [JP/JP]; 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). **IWABUCHI, Yoshinori** [JP/JP]; 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). **YAMAZAKI, Hirotaka** [JP/JP]; 2-8-36, Nishi, Kunitachi-shi, Tokyo 186-0005 (JP). **MASUDA, Yoshitomo** [JP/JP]; 3-5-28, Shinmeidai, Hamura-shi, Tokyo 205-0023 (JP). **HATTORI, Reiji** [JP/JP]; 200-1, Meihama-cho, Nishi-ku, Fukuoka-shi, Fukuoka 819-0002 (JP).
- (74) **SUGIMURA, Kosaku**; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03L 7/089**
- (11) **WO 03/088496** (13) A1
- (21) PCT/US03/11075
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) en (26) en
- (30) 10/120,336 **9 Apr/avr 2002** US
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CURRENT SAVING TECHNIQUE FOR CHARGE PUMP BASED PHASE LOCKED LOOPS
• TECHNIQUE D'ECONOMIE DE COURANT DESTINEE A DES BOUCLES VERROUILLEES EN PHASE BASEES SUR UN POMPAGE DE CHARGE

- (71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **WALKER, Brett C.**; 12020 Blue Diamond Court, San Diego, CA 92131 (US).
- (74) **WADSWORTH, Philip R.** et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H03L 7/14**(11) **WO 03/088497** (13) A1

(21) PCT/SE03/00542

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) 0201159-1 **16 Apr/avr 2002** SE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • QUADRATURE PHASE CONTROL LOOP
• BOUCLE DE COMMANDE DE PHASE EN QUADRATURE

(71) **SPIREA AB** [SE/SE]; Norgegatan 2, S-164 32 Kista (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONSSON, Fredrik** [SE/SE]; Fatburstrappan 18, 16tr, S-118 26 Stockholm (SE).

(74) **AWAPATENT AB**; P.O. Box 44, S-832 21 Frösön (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H03M 1/36**(11) **WO 03/088498** (13) A1

(21) PCT/US03/05813

(22) **25 Feb/fév 2003 (25.02.2003)**

(25) en (26) en

(30) 10/118,224 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIFFERENTIAL INPUT FLASH ANALOG TO DIGITAL CONVERTER
• CONVERTISSEUR ANALOGIQUE-NUMERIQUE PARALLELE A ENTREE DIFFERENTIELLE

(71) **ESS TECHNOLOGY, INC.** [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(72) **MALLINSON, Andrew, Martin**; ESS Technology, Inc., 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(74) **STEVENS, David, R.**; Stevens Law Group, P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **H03M 5/12, G06K 7/00**(11) **WO 03/088499** (13) A1

(21) PCT/AU03/00411

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(30) PS 1512 **5 Apr/avr 2002** AU
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CODING RFID TAGS

- PROCEDE PERMETTANT DE CODER DES ETIQUETTES D'IDENTIFICATION RADIOFREQUENCE CODEES ELECTRONIQUEMENT

(71) TAGSYS AUSTRALIA PTY LTD [AU/AU]; Ground Floor, 212 Pirie Street, Adelaide, South Australia 5000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALL, David, Malcolm [AU/AU]; 13 Kent Terrace, Lockleys, South Australia 5032 (AU).

(74) PHILLIPS ORMONDE & FITZ-PATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 9/00

(11) WO 03/088500 (13) A1

(21) PCT/US03/09627

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/117,702 5 Apr/avr 2002 (05.04.2002) US

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SELECTABLE CLOCKING ARCHITECTURE
- SELECTABLE CLOCKING ARCHITECTURE

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) FAGERHOEJ, Thomas; Vlierboomstraat 539, Den Haag, 2564 JG (NL).

(74) TROP, Timothy, N. et al. / etc.; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03M 13/00

(11) WO 03/088501 (13) A2

(21) PCT/IB03/01542

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02076526.9 18 Apr/avr 2002 (18.04.2002) EP

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SIGNAL, STORAGE MEDIUM, METHOD AND DEVICE FOR ENCODING, METHOD AND DEVICE FOR DECODING

- SIGNAL, SUPPORT DE STOCKAGE, PROCEDE ET DISPOSITIF DE CODAGE, PROCEDE ET DISPOSITIF DE DECODAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COENE, Willem, M., J., M. [BE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KALKER, Antonius, A., C., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/29

(11) WO 03/088502 (13) A1

(21) PCT/CN02/00237

(22) 5 Apr/avr 2002 (05.04.2002)

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A CODING METHOD AND APPARATUS INVOLVES THE CONCATENATION OF TURBO PRODUCT CODE AND TIME-SPACE BLOCK CODE

- PROCEDE DE CODAGE ET APPAREIL FAISANT INTERVENIR LA CONCATENATION D'UN CODE DE PRODUIT TURBO ET D'UN CODE BLOC DE PARTAGE DE TEMPS

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Yi [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). LI, Yonghui [CN/CN]; Room

908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). ZHANG, Yongsheng [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/29

(11) WO 03/088503 (13) A1

(21) PCT/CN02/00239

(22) 5 Apr/avr 2002 (05.04.2002)

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A METHOD AND DEVICE FOR SPACE-TIME-FREQUENCY TURBO ENCODING

- PROCEDE ET DISPOSITIF DE CODAGE TURBO FREQUENTIEL SPATIO-TEMPOREL

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Yonghui [CN/CN]; Room 908, Sinotrans Plaza B.#A43, North Xizhimen Road, Beijing 100044 (CN). LI, Yi [CN/CN]; Room 908, Sinotrans Plaza B.#A43, North Xizhimen Road, Beijing 100044 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/29

(11) WO 03/088504 (13) A1

(21) PCT/FR03/01188

(22) 14 Apr/avr 2003 (14.04.2003)

(25) fr (26) fr

(30) 02/04764 16 Apr/avr 2002 (16.04.2002) FR

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR CODING AND/OR DECODING ERROR CORRECTING CODES, AND CORRESPONDING DEVICES AND SIGNAL
- PROCEDE DE CODAGE ET/OU DE DECODAGE DE CODES CORRECTEURS D'ERREURS, DISPOSITIFS ET SIGNAL CORRESPONDANTS.
- (71) UNIVERSITE DE BRETAGNE SUD [FR/FR]; B.P. 92116, F-56321 Lorient Cédex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOUTILLON, Emmanuel [FR/FR]; 2, rue de Prague, F-56100 Lorient (FR).
GULAK, Glenn [CA/CA]; 208 Clendenan Avenue, Toronto, Ontario M6P 2X2 (CA). GAUDET, Vincent [CA/CA]; 547 Lyndale Drive, Toronto, Ontario R2H 1N3 (CA). GNAEDIG, David [FR/FR]; 3, rue de Hirtzbach, 68210 Fulleren (FR).
- (74) VIDON, Patrice; Le Nobel, 2, allée Antoine Becquerel, B.P. 90333, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04B
- (11) WO 03/088506 (13) A2
- (21) PCT/US03/10542
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 10/117,179 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • A SYSTEM AND METHOD FOR SELECTING SPREADING CODES BASED ON MULTIPATH DELAY PROFILE ESTIMATION FOR WIRELESS TRANSMITTERS IN A COMMUNICATION NETWORK
- SYSTEME ET PROCEDE PERMETTANT DE SELECTIONNER DES CODES D'ETALEMENT EN FONCTION D'UNE ESTIMATION DU PROFIL DU RETARD PAR PROPAGATION PAR TRAJETS MULTIPLES POUR DES EMETTEURS-RECEPTEURS SANS FIL DANS UN RESEAU DE COMMUNICATION
- (71) MESHNETWORKS, INC. [US/US]; 485 North Keller Road, Suite 250, Maitland, FL 32751-7535 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRUTT, Guenael [GB/US]; 1114 Lehto Lane, Lake Worth, FL 33461 (US). ALAPURANEN, Pertti [FI/US]; 147 Dotted Dove Lane, Indiatlantic, FL 32903 (US).
- (74) BUCZYNSKI, Joseph et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B
- (11) WO 03/088507 (13) A2
- (21) PCT/US03/10862
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (30) 10/119,274 9 Apr/avr 2002 US (09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHODS AND SYSTEMS FOR INTELLIGENT SIGNALING ROUTER-BASED SURVEILLANCE
- PROCEDES ET SYSTEMES DE SURVEILLANCE INTELLIGENTE BASEE SUR DES ROUTEURS DE SIGNALISATION
- (71) TEKELEC [US/US]; 26580 West Agoura Road, Calabasas, CA 91302 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAVISHANKAR, Venkataramaiah [US/US]; 102 Millers Creek Drive, Apex, NC 27502 (US).
- (74) JANKINS, Richard, E.; Jenkins & Wilson, PA, Suite 1400 University Tower, 3100 Tower Boulevard, Durham, NC 27707 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B
- (11) WO 03/088508 (13) A2
- (21) PCT/US03/11218
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/371,544 9 Apr/avr 2002 US (09.04.2002)
- (30) 60/385,010 31 May/mai 2002 US (31.05.2002)
- (30) 60/385,008 31 May/mai 2002 US (31.05.2002)
- (30) 60/385,009 31 May/mai 2002 US (31.05.2002)
- (30) 60/421,928 28 Oct/oct 2002 US (28.10.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ASSET MANAGEMENT PLATFORM
- PLATE-FORME DE GESTION DE BIENS
- (71) SAPIAS, INC. [US/US]; Suite 440, 55 Hawthorne Street, San Francisco, CA 94105 (US).
- (72) PANTTAJA, James, T.; 4016 West Soda Rock Lane, Healdsburg, CA 95448-9631 (US). HENTON, John; 4250 Flat Rock Circle, Santa Rosa, CA 95409 (US). KINSFATHER, David, A.; 1550 Irving Street, Apt. 4, San Francisco, CA 94122 (US). SIPAHIMALANI, Mahesh, I.; P.O. Box 77172, San Francisco, CA 94107 (US). SORENTINO,

- Margaret, L.;** 2126 Northwood Drive, Santa Rosa, CA 95404 (US).
- (74) **LEE, Michelle, K. et al. / etc.;** Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04B 1/00, H04Q 7/38, H04L 12/56, 12/28**
- (11) **WO 03/088510** (13) A1
- (21) PCT/IB03/01347
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) en (26) en
- (30) 0208555.3 **15 Apr/avr 2002 GB (15.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **TERMINAL**
• **TERMINAL**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PENNA, David, E.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **HOULDSWORTH, Richard, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **BOYLE, Kevin, R.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **HUNT, Bernard** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) **WHITE, Andrew;** Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/04, H03F 1/32**
- (11) **WO 03/088511** (13) A1
- (21) PCT/SE03/00459
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 0201070-0 **5 Apr/avr 2002 SE (05.04.2002)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **MULTIMODULATION TRANSMITTER**
• **EMETTEUR MULTIMODULATION**
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72, 75) **GRANSTRÖM, Anders** [SE/SE]; Lidvägen 21 A, S-177 40 Järfälla (SE). **JOHANSSON, Gunnar** [SE/SE]; Tre Liljor 3, S-113 44 Stockholm (SE).
- (74) **AROS PATENT AB;** P.O. Box 1544, S-751 45 Uppsala (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/10**
- (11) **WO 03/088512** (13) A1
- (21) PCT/US03/10587
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/370,326 **5 Apr/avr 2002 US (05.04.2002)**
- (30) 10/407,634 **4 Apr/avr 2003 US (04.04.2003)**
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • **SYSTEM AND METHOD FOR SYMBOL CLOCK RECOVERY REFERENCE TO RELATED APPLICATIONS**
• **SYSTEME ET PROCEDURE DE RECUPERATION DE SIGNAL D'HORLOGE**
- (71) **LINX ELECTRONICS, INC.** [US/US]; 1230 West Northwest Highway, Palatine, IL 60067 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XIA, Jingsong** [US/US]; 1044 Evergreen Street, Mundelein, IL 60060 (US). **CITTA, Richard, W.** [US/US]; 739 North Columbian Street, Oak Park, IL 60302 (US). **LOPRESTO, Scott, M.** [US/US]; Apt. 313, 2291 South Lexington Drive, Mount Prospect, IL 60056 (US). **XIA, Jingsong** [CN/US]; 1044 Evergreen Street, Mundelein, IL 60060 (US). **ZHANG, Wenjun** [CN/CN]; 55 West Huai Hai Road, 9F Shentong Info. Plaza, Shanghai 200030 China (CN).
- (74) **SCHANTZ, Matthew, R. et al. / etc.;** Woodard, Emhardt, Moriarty, McNett & Henry LLP, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ **H04B 1/38, H04M 1/00**
- (11) **WO 03/088513** (13) A1
- (21) PCT/IB02/01227
- (22) **16 Apr/avr 2002 (16.04.2002)**
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MOVEMENT AND ATTITUDE CON-
TROLLED MOBILE STATION CON-
TROL
- COMMANDE D'UNE STATION MO-
BILE SENSIBLE AU MOUVEMENT ET
A L'ATTITUDE
- (71) **NOKIA CORPORATION** [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
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les États désignés sauf US)*
- (72, 75) **KOMSI, Asko** [FI/US]; 3 Potter Park
#2, Cambridge, MA 02138 (US). **ROLNIK,
Robert, C.** [US/US]; 1208 Normandy, South-
lake, TX 76092 (US).
- (74) **ROLNIK, Robert, C.** et al. / etc.; Nokia Inc.,
6000 Connection Drive, MS 1-4-755, Irving,
TX 75039 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/38**
- (11) **WO 03/088514** (13) A1
- (21) PCT/US03/10695
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) en (26) en
- (30) 60/371,006 **8 Apr/avr 2002 US**
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR GENER-
ATING A CLOCK SIGNAL IN A COM-
MUNICATION SYSTEM
- SYSTEME ET PROCEDE DE PRODUC-
TION D'UN SIGNAL D'HORLOGE
DANS UN SYSTEME DE COMMUNI-
CATIONS
- (71) **GLOBESPAN VIRATA, INC.** [US/US];
100 Schulz Drive, Red Bank, NJ 07701 (US).
- (72) **LANGBERGH, Ehud**; 44 Meadows Lane,
Wayside, NJ 07712 (US). **ALLOIN, Lau-
rent**; 20 Riverdale Avenue, Monmouth

- Beach, NJ 07750 (US). **KLEWEIN, Peter**
(deceased / décédé). **LOPEZ, Jean-François**;
37B Southbrook Dr., Eatontown, NJ 07724
(US). **RAHMAN, Shareq**; 308 Pleasant
Valley Road, Morganville, NJ 07751 (US).
DUVAUT, Patrick; 687 Hopping Road,
Belford, NJ 07718 (US).
- (74) **MCCLURE, Daniel, R.**; Thomas, Kayden,
Horstemeyer & Risley, LLP, Suite 1750, 100
Galleria Parkway, NW, Atlanta, GA 30339-
5948 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **H04B 1/69, 1/10, 7/216, H04L 27/06,
H03K 5/01, H04Q 7/00**
- (11) **WO 03/088515** (13) A1
- (21) PCT/US03/10999
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (30) 60/372,531 **12 Apr/avr 2002 US**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PATH SEARCHER USING RECONFIG-
URABLE CORRELATOR SETS
- DISPOSITIF DE RECHERCHE DE
CHEMINS A ENSEMBLE DE CORRE-
LATEURS RECONFIGURABLES
- (71) **INTERDIGITAL TECHNOLOGY COR-
PORATION** [US/US]; Suite 527, 300
Delaware Avenue, Wilmington, DE 19801
(US).
- (72) **KAWEEL, John, David, Jr.**; 1727
Lafayette Drive, Jamison, PA 18929 (US).
BERGHIUS, Timothy; 319 Trimble Lane,
Exton, PA 19341 (US). **MEYER, Jan**;
Nussbaumstrasse 4, 82362 Weilheim (DE).
BOHNHOFF, Peter; Comeniusstrasse 4,
81667 Munich (DE). **REZNIK, Alexan-
der**; 109 Wrangel Court #5, Princeton, NJ
08540 (US). **HEPLER, Edward, L.**; 794
Bass Cove, Malvern, PA 19355-3151 (US).
KOCH, Michael; 4 Hastings Drive, Fort
Salonga, NY 11768 (US). **HACKETT,
William, C.**; 403 Player Lane, Doylestown,
PA 18901 (US). **BASS, David, S.**; 161
Schenck Avenue, Great Neck, NY 11021
(US). **FERRANTE, Steven**; 210 Snap-
dragon Street, Warrington, PA 18976 (US).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe
and Koenig, P.C., United Plaza, Suite 1600,
30 South 17th Street, Philadelphia, PA 19103
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ **H04B 1/707**
- (11) **WO 03/088516** (13) A1
- (21) PCT/DE03/00963
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) de (26) de
- (30) 102 16 240.9 **12 Apr/avr 2002 DE**
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND DEVICE FOR CAL-
CULATING AN ITERATED STATE OF
FEEDBACK SHIFT REGISTER AR-
RANGEMENT
- PROCEDE ET DISPOSITIF POUR LE
CALCUL D'UN ETAT ITERE D'UN
ENSEMBLE REGISTRE A DECALAGE
A BOUCLE FERMEE
- (71) **INFINEON TECHNOLOGIES AG**
[DE/DE]; St.-Martin-Str. 53, 81669 München
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **DENK, Robert** [DE/DE]; Sudetenstr.
11, 85567 Grafing (DE).
- (74) **LANGE, Thomas**; Dingolfinger Strasse 6,
81673 München (DE).
- (81) CN JP US.
- (84) EP (DE FR GB IT).
- Published / Publiée : (c)
-
- (51)⁷ **H04B 3/52, H01P 3/16**
- (11) **WO 03/088517** (13) A1
- (21) PCT/KR02/00666
- (22) **11 Apr/avr 2002 (11.04.2002)**
- (25) ko (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • RECEIVER USING A MULTI-LAYER
NON-RADIATIVE DIELECTRIC
WAVEGUIDE
- RECEPTEUR UTILISANT UN GUIDE
D'ONDES DIELECTRIQUE MULTI-
COUCHE NON RADIATIF
- (71) **NRDTECH CO., LTD.** [KR/KR]; 7F
Daeyang B/D, 7-17, Namcheon-2dong,
Suyeong-gu, Pusan-metropolitan city
613-813 (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71, 72) **SHIN, Cheon, Woo** [KR/KR];
2-205, Samik-apartment, 148(5/2), Nam-
chun-2-dong, Sooyoung-ku, 613-760 Pu-
san-metropolitan city (KR).
- (74) **KIM, Sun-young**; Korea Coal Center, 10th
Floor, 80-6, Susong-Dong, Chongro-Ku,
110-727 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04B 7/00, 10/12

(11) WO 03/088518 (13) A1

(21) PCT/ES03/00168

(22) 11 Apr/avr 2003 (11.04.2003)

(25) es (26) es

(30) P200200860 12 Apr/avr 2002 ES
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ACCESS METHOD AND CONNECTION SYSTEM BY MEANS OF OPTICAL FIBER USING DWDM/SCM HYBRID TECHNIQUES BETWEEN BASE STATIONS AND REMOTE ANTENNAS IN A RADIOCOMMUNICATION SYSTEM
- PROCEDE D'ACCES ET SYSTEME DE CONNEXION PAR FIBRE OPTIQUE FAISANT APPEL A DES TECHNIQUES HYBRIDES DWDM/SCM ENTRE DES STATIONS DE BASE ET DES ANTENNES DISTANTES DANS UN SYSTEME DE RADIOCOMMUNICATION.

(71) TELEFONICA, S.A. [ES/ES]; Gran Vía, 28, 28013 MADRID (ES).
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(72, 75) CUCALA GARCIA, Luis [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES). WARZANSKYJ GARCIA, Wsewolod [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES).

(74) CARPINTERO LÓPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, 28014 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/005

(11) WO 03/088519 (13) A1

(21) PCT/CN03/00078

(22) 27 Jan/jan 2003 (27.01.2003)

(25) zh (26) zh

(30) 02116552.1 8 Apr/avr 2002 CN
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • POWER CONTROL METHOD FOR UPLINK CONTROL CHANNEL IN SOFT HANDOVER IN HIGH-SPEED POCKET ACCESS SYSTEM

- PROCEDE DE COMMANDE DE PUISSANCE DESTINE A UN CANAL DE COMMANDE DE LIAISON MONTANTE DANS UN TRANSFERT SOUPLE, DANS UN SYSTEME D'ACCES PAR PAQUETS EN LIAISON DESCENDANTE A HAUT DEBIT

(71) HUAWEI TECHNOLOGIES CO. LTD. [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Di [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN). WEI, Yuejun [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

(74) UNITALEN ATTORNEYS AT LAW; WANG, Xueqiang, Rm. 30703, 7th Floor Scitech Place, No.22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/005, 1/707

(11) WO 03/088520 (13) A1

(21) PCT/US03/08231

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/118,396 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SYSTEM AND METHOD FOR PREDICTIVE TRANSMIT POWER CONTROL FOR MOBILE STATIONS IN A MULTIPLE ACCESS WIRELESS COMMUNICATION SYSTEM

- SYSTEME ET PROCEDE POUR UN CONTROLE DE PUISSANCE DE TRANSMISSION EFFICACE POUR DES STATIONS MOBILES DANS UN SYSTEME DE COMMUNICATIONS SANS FIL A ACCES MULTIPLE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) CROCKER, Ronald, T.; 3N800 Meadow Ridge Circle, St. Charles, IL 60175 (US). LUZ, Yuda; 2211 Avalon Drive, Buffalo Grove, IL 60089 (US). ROTSTEIN, Ron;

1203 Weston Drive, Arlington Heights, IL 60004 (US).

(74) PACE, Lalita, W. et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/08, 1/16

(11) WO 03/088521 (13) A2

(21) PCT/US03/10513

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,893 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND APPARATUS FOR DETERMINING RECEIVE DIVERSITY IN MOBILE STATION

- PROCEDE ET DISPOSITIF POUR DETERMINER LA DIVERSITE DE RECEPTION DANS UNE STATION MOBILE

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) AGASHE, Parag; 18971 17 Caminito Cantilena, San Diego, CA 92128 (US). BLACK, Peter J.; 2961 First Avenue, San Diego, CA 92103 (US). PADOVANI, Roberto; 13593 Penfield Point, San Diego, CA 92130 (US).

(74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/10, 7/08, H01Q 3/26

(11) WO 03/088522 (13) A1

(21) PCT/JP03/04744

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113760 16 Apr/avr 2002 JP
(16.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ADAPTIVE ARRAY ANTENNA RECEIVER APPARATUS AND ANTENNA ARRAY CALIBRATION METHOD
• DISPOSITIF RECEPTEUR A ANTENNE RESEAU ADAPTATIVE ET PROCEDE D'ETALONNAGE DE RESEAU D'ANTENNES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HASEGAWA, Yasuhiro [JP/JP]; 2-5, Akedori, Izumi-ku, Sendai-shi, Miyagi 981-3206 (JP). TAKAKUSAKI, Keiji [JP/JP]; 5-3, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP).
- (74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/165, 7/24
- (11) WO 03/088523 (13) A1
- (21) PCT/UA02/00038
- (22) 2 Sep/sep 2002 (02.09.2002)
- (25) ru (26) ru
- (30) 2002042956 12 Apr/avr 2002 UA (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MICROWAVE INTEGRATED TELEVISION RADIO AND INFORMATION SYSTEM (MITRIS-INT)
• SYSTEME INTEGRE D'INFORMATIONS TELE ET RADIO A ONDES MILLIMETRIQUES MITRIS-INT
- (71) SOVMESTNOE PREDPRIYATIE "INSTITUT ELEKTRONIKI I SVIAZI" UKRAINSKOI AKADEMII NAUK NATIONALNOGO PROGRESSA [UA/UA]; pr. 50-letiya Oktyabrya, 2-B, Kiev, 03148 (UA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NARYTNIK, Teodor Nikolaevich [UA/UA]; ul. Zochikh, 62B-93, Kiev, 03170 (UA). VOITENKO, Alexandr Grigorievich [UA/UA]; ul. Simirenko, 15-48, Kiev 03134 (UA). GOLOVKHA, Alexandr Ivanovich [UA/UA]; pr. Sovetskoi Ukrainy, 32B-10, Kiev, 04215 (UA). YEVDOKIMOV, Vladimir Vitalievich [UA/UA]; pr. Geroev Stalingrada, 27A-739, Kiev, 04210 (UA). KAZIMIRENKO, Valeriy Yakovlevich [UA/UA]; bulvar Koltsova, 7-92, Kiev, 03170 (UA). KOZLOVSKY, Petr Leonidovich [UA/UA]; ul. Kievskaya, 296-22, Brovary, Kievskaya obl., 07400 (UA). LYSENKO, Valeriy Alexandrovich [UA/UA]; ul. O. Gonchara, 62-103, Kiev, 01054 (UA). NAGIEV, Tofik Khabibovich [TR/TR]; str. Gaft Sokak, 20, 06700 Ankara (TR). ORLOV, Anatoliy Timofeyevich [UA/UA]; ul. Degtyarevskaya, 58-84, Kiev, 03112 (UA). PONEDILKO, Viktor Ivanovich [UA/UA]; ul. Vishniakovskaya, 6A-40, Kiev, 02140 (UA). SAVASTIANOV, Vladimir Anatolievich [UA/UA]; ul. Vyshgorodskaya, 32/2-119, Kiev, 03049 (UA). FAINGOLD, Alexandr Mikhailovich [UA/UA]; ul. Vyshgorodskaya, 4A-129, Kiev, 03049 (UA).
- (74) NARYTNIK, Teodor Nikolaevich; ul. Zochikh, 62B-93, Kiev, 03170 (UA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B 7/26, 7/15, H04Q 7/20, H04B 7/005
- (11) WO 03/088524 (13) A1
- (21) PCT/ES03/00169
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) es (26) es
- (30) P200200861 12 Apr/avr 2002 ES (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ACCESS METHOD AND GSM REPEATER SYSTEM WITH SPECTRAL EXCHANGE BETWEEN THE 900 AND 1800 MHZ GSM WAVE FREQUENCIES
• PROCEDE D'ACCES ET SYSTEME DE REPETEURS POUR GSM A ECHANGE SPECTRAL ENTRE LES BANDES DE FREQUENCE GSM DE 900 ET 1800 MHZ
- (71) TELÉFONICA, S.A. [ES/ES]; Gran Vía, 28, 28013 MADRID (ES). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CUCALA GARCÍA, Luis [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES). WARZANSKYJ GARCÍA, Wsewolod [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES). LLUCH MESQUIDA, Cayetano [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES). IAN FILLOMORE, David [GB/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES). RUÍZ ARAGÓN, Pilar [ES/ES]; Telefónica, S.A., Gran Vía, 28, 28013 MADRID (ES).
- (74) CARPINTERO LÓPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, 28014 MADRID (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/26
- (11) WO 03/088526 (13) A1
- (21) PCT/JP03/04871
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) ja (26) ja
- (30) 2002-114841 17 Apr/avr 2002 JP (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COMMUNICATION APPARATUS AND METHOD FOR CONTROLLING

TRANSMISSION POWER OF COMMUNICATION APPARATUS

- DISPOSITIF DE COMMUNICATION ET PROCEDE DE COMMANDE DE PUISSANCE DE TRANSMISSION POUR CE DISPOSITIF

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Daisuke** [JP/JP]; 20-3, Nojima-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0025 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 7/26**

(11) **WO 03/088527** (13) A1

(21) PCT/US03/11477

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 60/372,296 **11 Apr/avr 2002** US
(11.04.2002)

(30) 60/388,705 **13 Jun/juin 2002** US
(13.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **RADIO INTERFACE SYNCHRONIZATION**

- SYNCHRONISATION D'INTERFACE RADIO

(71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **RAY-CHAUDHURI, Siddhartha**; 14478 Seabridge Lane, San Diego, CA 92128-4226 (US). **HSU, Chih-Ping**; 7185 Celome Court, San Diego, CA 92129 (US). **EMANI, Chalapathi Rao**; 9625 Genesee Avenue, Apt. J-1, San Diego, CA 92121 (US). **LIN, Jeremy**; 610 Arcadia Terrace, #305, Sunnyvale, CA 94085 (US). **SINGH, Gurdeep**; 11899 Westview Parkway, San Diego, CA 92126 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04B 10/08**

(11) **WO 03/088528** (13) A1

(21) PCT/DE03/01075

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) de (26) de

(30) 102 16 279.4 **12 Apr/avr 2002** DE
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **METHOD FOR DETECTING A CHECK-BACK SIGNAL IN AN OPTICAL TRANSMISSION SYSTEM**

- PROCEDE DE DETECTION D'UN SIGNAL DE COMMANDE DANS UN SYSTEME DE TRANSMISSION OPTIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENTNER, Guido** [DE/DE]; Ursberger Strasse 7, 81673 München (DE). **NEUMANN, Rene** [DE/DE]; Mathildenstr. 42, 82152 Planegg (DE). **THANHUSER, Gerhard** [DE/DE]; Luisenstr. 17, 86415 Mering (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **H04B 10/17, 10/08, H01S 3/094**

(11) **WO 03/088529** (13) A1

(21) PCT/IB03/01809

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 02290921.2 **12 Apr/avr 2002** EP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **OPTICAL AMPLIFIER SYSTEM**

- SYSTEME AMPLIFICATEUR OPTIQUE

(71) **CORVIS FRANCE R ET D** [FR/FR]; 4, Rue Ampère, F-22300 Lannion (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVENET, Magali** [FR/FR]; Kerfoz, 84, route du Crech'h Serval, F-22300 Lannion (FR). **FAVRE, François** [FR/FR]; 12 bis, rue des Frères Tilly, F-22700 Perros-Guirec (FR). **CHAUZAT, Corinne** [FR/FR]; 10, impasse du Colibri, F-22300 Lannion (FR). **FOSSEY, Paul** [FR/FR]; 75, Feunteun Ar Gow, F-22560 Trebeurden (FR). **DANIEL,**

Stéphane [FR/FR]; Milin Fospoul, F-22450 Kermania Sularde (FR).

(74) **MARTIN, Jean-Jacques**; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AU CA US.

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **H04B 10/18, G02B 6/34**

(11) **WO 03/088530** (13) A1

(21) PCT/BR02/00081

(22) **12 Jun/juin 2002 (12.06.2002)**

(25) en (26) en

(30) 10/125,759 **18 Apr/avr 2002** US
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • **POLARIZATION MODE DISPERSION COMPENSATOR**

- PROCEDE ET APPAREIL POUR LA COMPENSATION DE LA DISPERSION DE POLARISATION DE MODE DU PREMIER ORDRE

(71) **ERICSSON TELECOMUNICAÇÕES S.A.** [BR/BR]; Rua Maria Prestes Maia 300, Vila Guilherme, 02047-020 São Paulo SP (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VON DER WEID, Jean-Pierre** [BR/BR]; Rua Engenheiro Pena Chaves 39 apt. 101, 22460-090 Rio de Janeiro RJ (BR). **LINARES, Luis, Carlos, Blanco** [BR/BR]; Rua Real Grandeza 190 apt. 305, 22281-031 Rio de Janeiro RJ (BR). **DE FARIA, Giancarlo, Vilela** [BR/BR]; Rua Ibituruna 43 apt. 106 Bl. 02, 20271-021 Rio de Janeiro RJ (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; Mr. Gustavo José F. Barbosa, Rua Teófilo Otoni 63, 10th floor, 20090-080 Rio de Janeiro RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 10/18**

(11) **WO 03/088531** (13) A1

(21) PCT/US03/09146

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(30) 60/372,185 **12 Apr/avr 2002** US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DISPERSION MANAGED CABLE FOR UNREPEATERED SYSTEMS
• CABLE A DISPERSION GEREE POUR SYSTEMES SANS REPETEUR

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) BICKHAM, Scott R; 69 East Fourth Street, Corning, NY 14830 (US). ATWOOD, Thomas J; 14 Four Season Lane, Merrimack, NH 03054 (US). CORNWELL, William D; 101 Faulkner Street, Hoole, Chester CH2 3 BG (GB). TAYLOR, Nigel H; 9 Cross Green, Chester CH2 1QR (GB).

(74) CARLSON, Robert L; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H04B 17/00

(11) WO 03/088532 (13) A1

(21) PCT/US03/11107

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,938 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTRUSION DETECTION SYSTEM FOR WIRELESS NETWORKS
• SYSTEME DE DETECTION D'INTRUSION POUR RESEAUX SANS FIL

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 34th and Charles Streets, Baltimore, MD 21218 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUADDI, Albert, B. [US/US]; 11215 Oak Leaf Drive, Apt. 2013, Silver Spring, MD 20901 (US). TOMKO, Albert, A. [US/US]; 2385 Steltz Road, New Freedom, PA 17349 (US).

(74) ROCA, Benjamin, Y. et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04H 1/10, G08G 1/133

(11) WO 03/088533 (13) A1

(21) PCT/US02/10841

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR BROADCASTING MULTIMEDIA TO PASSENGERS TRAVELLING ON A TRANSPORT VEHICLE

• PROCEDE DE DIFFUSION DE MULTIMEDIA A DESTINATION DE PASSAGERS VOYAGEANT DANS UN VEHICULE DE TRANSPORT

(71) THE RAIL NETWORK, INC. [US/US]; 561 Seventh Avenue, Second Floor, New York, NY 10018 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANE, David, E. [US/US]; 20 East 14th Street #3, New York, NY 10018 (US). WHITE, Timothy, Charles [US/US]; 668 Greenwich Street #234, New York, NY 10014 (US).

(74) GRAZIANO, James, M. et al. / etc.; Patton Boggs LLP, P. O. Box 270930, Louisville, CO 80027-5015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04H 9/00, G10L 17/00

(11) WO 03/088534 (13) A1

(21) PCT/US02/11091

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FEATURE-BASED AUDIO CONTENT IDENTIFICATION

• IDENTIFICATION DE CONTENU AUDIO BASEE SUR DES CARACTERISTIQUES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) PITMAN, Michael, C.; 205 Montgomery Street, Newburgh, NY 12550 (US). FITCH, Blake, G.; 309 Mamaroneck Avenue #272, White Plains, NY 10605 (US). ABRAMS, Steven; 26 Parliament Road, New City, NY 10956 (US). GERMAIN, Robert, S.; 65 Iselin Terrace, Larchmont, NY 10538 (US).

(74) SCHECTER, Manny, W.; International Business Machines Corporation, TJ Watson Research Center, P.O. Box 218, Yorktown Heights, NY 10598 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J

(11) WO 03/088535 (13) A2

(21) PCT/US03/10340

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,286 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUDIO SIGNAL RATE ADAPTATION METHOD AND SYSTEM
• PROCEDE ET SYSTEME D'ADAPTATION DE DEBIT DE SIGNAL AUDIO

(71) HARRIS CORPORATION [US/US]; 1025 W. Nasa Boulevard, Melbourne, FL 32919 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEANE, Alan, P. [US/US]; 21 Concord Road, Dracut, MA 01826 (US). TWEED, David, B. [US/US]; P.O. Box 442, Chelmsford, MA 01824 (US).

(74) LAPPIN, Mark, G. et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109-1775 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04J 1/16, 3/14

(11) WO 03/088536 (13) A1

(21) PCT/US03/11283

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,850 11 Apr/avr 2002 US
(11.04.2002)(30) Not furnished / 7 Apr/avr 2003 US
non communiqué (07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR PRO-
CESSING A CORRUPTED FRAME• APPAREIL ET PROCEDE DE TRAITE-
MENT D'UNE TRAME ALTEREE(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).(72) MORGAN, William, K.; 3709 Millstream,
Marengo, IL 60152 (US). LEANOS, Al-
fredo; 5036 S. Racine Avenue, Chicago, IL
60609 (US). CORDELL, Donald, P.; 2214
Aspen Drive, Woodstock, IL 60098 (US).(74) PACE, Lalita, W. et al. / etc.; MOTOROLA,
INC., Intellectual Property Dept., 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04J 11/00

(11) WO 03/088537 (13) A1

(21) PCT/JP03/04542

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111171 12 Apr/avr 2002 JP
(12.04.2002)(30) 2002-273569 19 Sep/sep 2002 JP
(19.09.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MULTI-CARRIER COMMUNICATION
DEVICE AND MULTI-CARRIER COM-
MUNICATION METHOD• DISPOSITIF DE COMMUNICATION
MULTIPORTEUSE ET PROCEDE DE
COMMUNICATION MULTIPORTEUSE(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MATSUMOTO, Atsushi [JP/JP];
Ni-53-1-101, Nanatsuya-machi, Kanazawa-
shi, Ishikawa 920-0021 (JP). MIYOSHI,
Kenichi [JP/JP]; 11-4-1305, Nokendaihi-
gashi, Kanazawa-ku, Yokohama-shi, Kana-
gawa 236-0058 (JP).(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04J 11/00

(11) WO 03/088538 (13) A1

(21) PCT/JP03/04739

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-112711 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECEIVER AND ITS RECEIVING
METHOD• RECEPTEUR ET PROCEDE DE RECEP-
TION ASSOCIE(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HAYASHI, Takaya [JP/JP]; 1-13-4,
Nozoe, Nagaokakyo-shi, Kyoto-shi, Ky-
oto 617-0821 (JP). HAYASHI, Kenichiro
[JP/JP]; 8-38, Takigihata, Kyotanabe-shi, Ky-
oto 610-0341 (JP). YAGI, Tetsuya [JP/JP];
2-23-6, Kisabe, Katano-shi, Osaka 576-0052
(JP).(74) HAYASE, Kenichi; Hayase & Co. Patent
Attorneys, 13F, Nissay Shin-Osaka Bldg.,
3-4-30, Miyahara, Yodogawa-ku, Osaka-shi,
Osaka 532-0003 (JP).

(81) BR JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).(51)⁷ H04J 11/00

(11) WO 03/088539 (13) A1

(21) PCT/JP03/04743

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-114870 17 Apr/avr 2002 JP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIO TRANSMITTER APPARATUS,
RADIO RECEIVER APPARATUS, AND
METHOD THEREOF• EMETTEUR RADIO, RECEPTEUR RA-
DIO ET PROCEDE CORRESPONDANT(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MIYOSHI, Kenichi [JP/JP]; 11-4-1305,
Nokendaihigashi, Kanazawa-ku, Yokohama-
shi, Kanagawa 236-0058 (JP).(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04J 11/00

(11) WO 03/088540 (13) A1

(21) PCT/US03/10315

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,525 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PHASE SEQUENCES FOR TIMING
AND ACCESS SIGNALS• SEQUENCES DE PHASE POUR DES
SIGNAUX DE TEMPORISATION ET
D'ACCES(71) FLARION TECHNOLOGIES, INC.
[US/US]; Bedminster One, 135 Route
202/206 South, Bedminster, NJ 07921 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RICHARDSON, Tom [US/US]; 420
Clark Street, South Orange, NJ 07079 (US).(74) STRAUB, Michael, P.; Straub & Pokotylo, 1
Bethany Road, Suite 83, Bldg. 6, Hazlet, NJ
07730 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL

SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04J 13/02, H04B 7/26

(11) WO 03/088541 (13) A1

(21) PCT/CN02/00238

(22) 5 Apr/avr 2002 (05.04.2002)

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A CODING METHOD HAVING INTERGROUP ZERO CORRELATION WINDOW CHARACTERISTIC FOR SPREAD CODE

• PROCEDE DE CODAGE PRESENTANT UNE CARACTERISTIQUE DE FENETRE DE CORRELATION NULLE INTERGROUPE POUR CODE D'ETALLEMENT

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XU, Shaojun [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). TAMRAKAR, Rakesh [NP/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). GAO, Yan [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). LI, Daoben [CN/CN]; Room 908, Sinotrans Plaza, B.#43, North Xizhimen Rd., Beijing 100044 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 14/02, H04B 10/155, 10/08

(11) WO 03/088542 (13) A1

(21) PCT/GB03/01618

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0208560.3 12 Apr/avr 2002 GB
(12.04.2002)

(30) 0229543.4 17 Dec/déc 2002 GB
(17.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION

(71) AZEA NETWORKS LIMITED [GB/GB]; Bates House, Church Road, Harold Wood, Romford, Essex RM3 0SD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHOWN, Martin [GB/GB]; 75 Sheering Road, Harlow, Essex CM17 0JN (GB). BARNES, Stuart [GB/GB]; Azea Networks Limited, Bates House, Church Road, Harold Wood, Romford, Essex RM3 0SD (GB). WEBB, Stephen, Michael [GB/GB]; 1 Silver Birch Avenue, Culverstone Green, Near Meopham, Kent DA13 0TP (GB). WINTERBURN, David, Charles [GB/GB]; The Thatched Cottage, Patmore Heath, Albary, Ware, Herts. SGU 2LX (GB).

(74) JOHNSTONE, Helen; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04J 15/00

(11) WO 03/088543 (13) A1

(21) PCT/US03/09079

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/117,928 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ROUTER WITH AUTOMATIC PROTOCOL CONFIGURATION AND METHODS OF USE

• ROUTEUR A CONFIGURATION DE PROTOCOLE AUTOMATIQUE ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) ACTIONTEC ELECTRONICS, INC. [US/US]; 760 North Mary Avenue, Sunnyvale, CA 94086 (US).

(72) XIONG, Bo; 40889 Marty Terrace, Fremont, CA 94539 (US).

(74) BEAMER, Norman, H. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04J 15/00

(11) WO 03/088544 (13) A1

(21) PCT/US03/09881

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,497 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INTERNET PORTAL SYSTEM AND METHOD EMPLOYING HANDHELD DEVICE THAT CONNECTS TO BROADCAST SOURCE

• SYSTEME DE PORTAIL INTERNET ET PROCEDE CORRESPONDANT FAISANT APPEL A UN DISPOSITIF PORTATIF CAPABLE DE SE CONNECTER A UNE SOURCE DE DIFFUSION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SITNIK, Eran [US/US]; 3 Hillside Terrace, Ossining, NY 10562 (US). MA, Yue [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). CHANG, Chieh-Chung [—/US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). FISH, Robert, S. [US/US]; 83 Cottage Place, Gillette, NJ 07933 (US).

(74) STOBBS, Gregory, A. et al. / etc.; HARNES, DICKEY & PIERCE, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L

(11) WO 03/088545 (13) A2

(21) PCT/US03/10516

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,719 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NODE B AND RNC ACTIONS DURING
A SERVING HSDPA CELL CHANGE

- ACTION SUR NOEUD B ET SUR
CONTROLEUR RNC PENDANT UN
CHANGEMENT DE CELLULE DE
SYSTEME HCSA SERVEUR

(71) INTERDIGITAL TECHNOLOGY COR-
PORATION [US/US]; 300 Delaware Ave-
nue, Suite 527, Wilmington, DE 19801
(US).(72) CHAO, Yi-Ju; 305 Maplewood Road, Hunt-
ington Station, NY 11746 (US). TERRY,
Stephen, E.; 15 Summit Avenue, Northport,
NY 11768 (US).(74) VOLPE, Anthony, S. et al. / etc.; Volpe
and Koenig, P.C., United Plaza, Suite 1600,
30 South 17th Street, Philadelphia, PA 19103
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04L

(11) WO 03/088546 (13) A2

(21) PCT/US03/10578

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 60/370,836 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SUPPORT OF DISPARATE ADDRESS-
ING PLANS AND DYNAMIC HA AD-
DRESS ALLOCATION IN MOBILE IP

- SUPPORT DE PLANS D'ADRESSAGE
DISPARATES ET ATTRIBUTION DY-
NAMIQUE D'ADRESSES HA DANS
UN IP MOBILE

(71) FLARION TECHNOLOGIES, INC.
[US/US]; Bedminster One, 135 Route
202/206 South, Bedminster, NJ 07921 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) O'NEILL, Alan [GB/AU]; 184 Military
Road, Henley Beach, South Australia 5022
(AU).(74) STRAUB, Michael, P.; Straub & Pokotylo, I
Bethany Road, Suite 83, Bldg. 6, Hazlet, NJ
07730 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)(51)⁷ H04L

(11) WO 03/088547 (13) A2

(21) PCT/US03/10727

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,084 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MONITORING A LOCAL AREA NET-
WORK

- SURVEILLANCE D'UN RESEAU LO-
CAL

(71) AIRMAGNET, INC. [US/US]; 465
Fairchild Drive, Suite 203, Mountain View,
CA 94043 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KUANG, Chia-Chee [US/US]; 890 Lock-
haven, Los Altos, CA 94024 (US). WU,
Miles [US/US]; 231 Clara Court, Fremont,
CA 94539 (US). AU, Dean [US/US]; 707
Koa Court, Sunnyvale, CA 94086 (US).(74) YIM, Peter, J. et al. / etc.; Morrison & Fo-
erster LLP, 425 Market Street, San Francisco,
CA 94105-2482 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MKMN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04L

(11) WO 03/088548 (13) A2

(21) PCT/US03/11081

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/120,966 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORDERED SUCCESSIVE INTERFER-
ENCE CANCELLATION RECEIVER
PROCESSING FOR MULTIPATH
CHANNELS

- TRAITEMENT D'ELIMINATION D'IN-
TERFERENCES SUCCESSIVES OR-
DONNEES AU NIVEAU D'UN RE-
CEPTEUR DE CANAUX A TRAJETS
MULTIPLES

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).(72) KADOUS, Tamer; 5385 Toscana Way,
#316, San Diego, CA 92122 (US).(74) WADSWORTH, Philip R. et al. / etc.;
QUALCOMM Incorporated, 5775 More-
house Drive, San Diego, CA 92121 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04L

(11) WO 03/088549 (13) A2

(21) PCT/US03/11256

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,531 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESS BURST DETECTOR CORRE-
LATOR POOL

- RESERVE DE CORRELATEURS DE
CAPTEUR DE SALVES D'ACCES

(71) INTERDIGITAL TECHNOLOGY COR-
PORATION [US/US]; Suite 527, 300
Delaware Avenue, Wilmington, DE 19801
(US).

(72) KAEWELL, John, David, Jr.; 1727 Lafayette Drive, Jamison, PA 18929 (US). BERGHUIS, Timothy; 319 Trimble Lane, Exton, PA 19341 (US). MEYER, Jan; Nussbaumstrasse 4, 82362 Weilheim (DE). BOHNHOFF, Peter; Comeniusstrasse 4, 81667 Munich (DE). REZNIK, Alexander; 109 Wrangel Court #5, Princeton, NJ 08540 (US). HEPLER, Edward, L.; 794 Bass Cove, Malvern, PA 19355-3151 (US). KOCH, Michael; 4 Hastings Drive, Fort Salonga, NY 11768 (US). HACKETT, William, C.; 403 Player Lane, Doylestown, PA 18901 (US). BASS, David, S.; 161 Schenck Avenue, Great Neck, NY 11021 (US). FERRANTE, Steven; 210 Snap-dragon Street, Warrington, PA 18976 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/00

(11) WO 03/088550 (13) A1

(21) PCT/GB03/01577

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0208039.8 8 Apr/avr 2002 GB (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR CHANNEL MAPPING A WIRELESS COMMUNICATION SYSTEM

• SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE DE CANAUX DANS UN RESEAU DE COMMUNICATION SANS FIL

(71) IPWIRELESS, INC. [US/US]; 1001 Bayhill Drive, 2nd Floor, San Bruno, CA 94066 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEALE, Martin [GB/GB]; 9 Walker Street, Kingsdown, Bristol BS2 8HE (GB).

(74) HUDSON, Peter; InetIP, 121 Blackberry Lane, Four Marks, Alton, Hampshire GU34 5DJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 1/00, 1/16, 29/08

(11) WO 03/088551 (13) A1

(21) PCT/JP03/02080

(22) 25 Feb/fév 2003 (25.02.2003)

(25) ja (26) ja
(30) 2002-111485 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA TRANSMISSION SYSTEM, DATA TRANSMISSION APPARATUS, DATA TRANSMISSION METHOD, AND COMPUTER PROGRAM

• SYSTEME DE TRANSMISSION DE DONNEES, APPAREIL DE TRANSMISSION DE DONNEES, PROCEDE DE TRANSMISSION DE DONNEES ET PROGRAMME INFORMATIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Masakazu [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ H04L 1/06

(11) WO 03/088552 (13) A1

(21) PCT/SE03/00458

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0201103-9 11 Apr/avr 2002 SE (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIAGONALLY LAYERED MULTI-ANTENNA TRANSMISSION FOR FREQUENCY SELECTIVE CHANNELS

• TRANSMISSION A ANTENNES MULTIPLES EN DIAGONALE POUR CANAUX DE SELECTION DE FREQUENCE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TYNDERFELDT, Tobias [SE/SE]; Sjövägen 2, 2tr, S-169 55 Solna (SE).

(74) HEDBERG, Åke et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18, 25/14

(11) WO 03/088553 (13) A1

(21) PCT/CN02/00262

(22) 16 Apr/avr 2002 (16.04.2002)

(25) zh (26) zh

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A N-CHANNEL ARQ ERROR CONTROL METHOD AND APPARATUS SUITABLE FOR HIGH-SPEED WIRELESS PACKET DATA SERVICE

• PROCEDE DE CONTROLE D'ERREURS ARQ DE CANAUX N ET DISPOSITIF ADAPTE A UN SERVICE DE TRANSMISSION DE DONNEES PAS PAQUETS SANS FIL A VITESSE ELEVEE

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Chengming** [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). **LIU, Xiaohua** [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN). **WU, Xiaobin** [CN/CN]; Room 908, Sinotrans Plaza, B.#A43, North Xizhimen Rd., Beijing 100044 (CN).

(74) **BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.**; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18

(11) **WO 03/088554** (13) A1

(21) PCT/IB03/01346

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 02/04719 **16 Apr/avr 2002** FR (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION SYSTEM WITH CONGESTION CONTROL AT THE RECEIVER END FOR DECIDING POSSIBLE RETRANSMISSION REQUESTS
• SYSTEME DE TRANSMISSION A GESTION D'ENCOMBREMENTS A LA RECEPTION POUR DECIDER DE L'EVENUALITE DE DEMANDES DE RETRANSMISSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REME, Jean-Marc** [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) **DE LA FOUCHARDIERE, Marie-Noëlle**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 5/16

(11) **WO 03/088555** (13) A1

(21) PCT/US03/09131

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(30) 10/121,348 **12 Apr/avr 2002** US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWER SUPPLY TONE COMPENSATION FOR VOICE BAND MODEMS
• COMPENSATION DU TON D'UN BLOC D'ALIMENTATION POUR A BANDE TELEPHONIQUE

(71) **PCTEL, INC.** [US/US]; 631 S. Milpitas Blvd., Milpitas, CA 95035 (US).

(72) **GOLDSTEIN, Yuri**; 924 Bullet Hill Road, Southbury, CT 06488 (US). **OKUNEV, Yuri**; 1023/B Heritage Village, Southbury, CT 06488 (US).

(74) **GORDON, David, P. et al. / etc.**; 65 Woods End Road, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/00, G06F 11/30

(11) **WO 03/088556** (13) A1

(21) PCT/IB03/01111

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) en (26) en

(30) 10/124,637 **16 Apr/avr 2002** US (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR KEY DISTRIBUTION AND NETWORK CONNECTIVITY
• SYSTEME ET PROCEDE DE DISTRIBUTION DE CLES ET DE CONNECTIVITE DE RESEAU

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **ALVE, Jukka**; Ida Aalbergin tie 3 a 14, FIN-00400 Helsinki (FI). **KANGAS, Mauri**; Sporentie 21, FIN-21530 Paimio (FI).

(74) **FILL, Peter, N.**; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/00, G09C 1/00, G06F 12/14

(11) **WO 03/088557** (13) A1

(21) PCT/IP03/04864

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) ja (26) ja

(30) 2002-114076 **17 Apr/avr 2002** JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIGITAL TWO-WAY COMMUNICATION CONTROL DEVICE AND ITS METHOD
• DISPOSITIF DE COMMANDE DE COMMUNICATION NUMERIQUE BIDIRECTIONNELLE, ET PROCEDE CORRESPONDANT

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WADA, Taemi** [JP/JP]; 4-4-82-406, Miigaoka, Neyagawa-shi, Osaka 572-0013 (JP). **FUKUOKA, Toshihiko** [JP/JP]; 15-24, Kiyotaki-nakamachi, Shijonawate-shi, Osaka 575-0061 (JP).

(74) **MAEDA, Hiroshi et al. / etc.**; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 9/00

(11) **WO 03/088558** (13) A1

(21) PCT/US02/25996

(22) **14 Aug/août 2002 (14.08.2002)**

(25) en (26) en

(30) 10/118,380 **5 Apr/avr 2002** US (05.04.2002)

(30) 10/218,961 **13 Aug/août 2002** US (13.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR CHANGING SECURITY INFORMATION IN A COMPUTER NETWORK

• PROCEDE ET SYSTEME DE MODIFICATION DE DONNEES DE SECURITE DANS UN RESEAU INFORMATIQUE

(71) **IPASS, INC.** [US/US]; 3800 Bridge Parkway, Redwood City, CA 94065 (US).

(72) **EDGETT, Jeff, Steven**; 151 South Bernado #24, Sunnyvale, CA 94086 (US). **SUNDER, Singam**; 539 Issac Court, San Jose, CA 95136 (US).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/00, H04K 1/00, H04N 7/167

(11) WO 03/088559 (13) A1

(21) PCT/US03/10172

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/372,160 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR CONTROLLED INTERNET DISTRIBUTION OF DIGITAL MEDIA

• PROCEDE ET SYSTEME POUR LA DISTRIBUTION CONTROLEE DE MEDIAS NUMERIQUES SUR INTERNET

(71) CRYPTMEDIA INC. [US/US]; c/o Fasth Law Offices, 629 E. Boca Raton Road, Phoenix, AZ 85022 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOLLER, Ulf [SE/SE]; Storgatan 25, S-114 55 Stockholm (SE). OLOFSSON, Thomas [SE/SE]; Tulegatan 6B, S-172 78 Sundbyberg (SE).

(74) FASTH, Rolf; Fasth Law Offices, 629 E. Boca Raton Road, Phoenix, AZ 85022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 9/00

(11) WO 03/088560 (13) A1

(21) PCT/US03/10659

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/117,287 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PRE-AUTHENTICATED COMMUNICATION WITHIN A SECURE COMPUTER NETWORK

• COMMUNICATION PRE-AUTHENTIFIÉE AU SEIN D'UN RESEAU INFORMATIQUE SECURISE

(71) EXPAND BEYOND CORPORATION [US/US]; 640 N. La Salle Street, Suite 330, Chicago, IL 60610 (US).

(72) FERGUSON, Derek, M.; 8802 West 121st Street, Palos Park, IL 60464-1129 (US).

(74) RUPP, Brian, C. et al. / etc.; Gardner, Carton & Douglas LLC, Suite 3700, 191 North Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/00

(11) WO 03/088561 (13) A1

(21) PCT/US03/11027

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,249 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM FOR MANAGING DISTRIBUTION OF DIGITAL AUDIO CONTENT

• SYSTEME DE GESTION DE LA DISTRIBUTION DE CONTENU AUDIO NUMERIQUE

(71) ONG CORP. [US/US]; 481 Hackensack Avenue, Hackensack, NJ 07601 (US).

(72) ONG, Lance, D.; 481 Hackensack Avenue, Hackensack, NJ 07601 (US).

(74) CHONG, Leighton, K.; Ostrager Chong & Flaherty (Hawaii), 841 Bishop Street, Suite 1200, Honolulu, HI 96813 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 9/06

(11) WO 03/088562 (13) A1

(21) PCT/IB03/01500

(22) 15 Apr/avr 2003 (15.04.2003)

(25) fr (26) fr

(30) 0649/02 17 Apr/avr 2002 CH (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR CODING DIGITAL DATA

• PROCÉDÉ DE CHIFFREMENT DE DONNÉES NUMÉRIQUES

(71) NAGRAVISION SA [CH/CH]; Route de Genève 22, CH-1033 Cheseaux-sur-Lausanne (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KSONTINI, Rached [CH/CH]; Av. de Riant-Mont 14, CH-1004 Lausanne (CH). DESMARAI, Normand [CA/CH]; Rue du Simphon 9, CH-1006 Lausanne (CH).

(74) ROULET, Pierre; Leman Consulting SA, Route de Clémenty 62, CH-1260 Nyon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/08

(11) WO 03/088563 (13) A1

(21) PCT/JP03/04545

(22) 10 Apr/avr 2003 (10.04.2003)

(25) ja (26) ja

(30) 2002-111554 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • INFORMATION PROCESSING DEVICE AND METHOD, INFORMATION PROVIDING DEVICE AND METHOD, USE RIGHT MANAGEMENT DEVICE AND METHOD, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATION, DISPOSITIF ET PROCEDE GENERANT L'INFORMATION, DISPOSITIF ET PROCEDE DE GESTION DU DROIT D'UTILISATION, SUPPORT D'ENREGISTREMENT ET PROGRAMME CORRESPONDANTS

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIGURO, Ryuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 9/32, 9/08, H04N 7/167

(11) WO 03/088564 (13) A1

(21) PCT/EP03/03783

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 102 16 396.0 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • AUTHENTICATION METHOD
• PROCEDE D'AUTHENTIFICATION

(71) SCM MICROSYSTEMS GMBH [DE/DE]; Oskar-Messter-Strasse 13, 85737 Ismaning (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRÖHLICH, Hans-Hermann [DE/DE]; Sandstrasse 6b, 85376 Massenhäuser (DE). TÜCKE, Peter [DE/DE]; Graf-Lehndorff-Strasse 29, 81829 München (DE).

(74) DEGWERT, Hartmut; Prinz & Partner GbR, Manzingerweg 7, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 9/32, 9/08, G06F 1/00, G11B 20/00

(11) WO 03/088565 (13) A1

(21) PCT/JP03/04391

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 2002-115328 17 Apr/avr 2002 JP (17.04.2002)

(30) 2002-134646 9 May/mai 2002 JP (09.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND DEVICES FOR INFORMATION INPUT/OUTPUT AND KEY MANAGEMENT
• SYSTEME ET DISPOSITIFS D'ENTREE/SORTIE D'INFORMATION ET DE GESTION DES CLES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) NAKANO, Toshihisa; 3-35-15, Shimeno, Neyagawa-shi, Osaka 572-0077 (JP). OHMORI, Motoji; 1-9-3-402, Nasuzukuri, Hirakata-shi, Osaka 573-0071 (JP). TATEBAYASHI, Makoto; 1-16-21, Mefu, Takarazuka-shi, Hyogo 665-0852 (JP). ISHIHARA, Hideshi; 1-10-120, Ikuno, Katano-shi, Osaka 576-0054 (JP).

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/32

(11) WO 03/088566 (13) A1

(21) PCT/SE02/00588

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SECURE FILE TRANSFER
• TRANSFERT SECURISE DE FICHIERS

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AXELSSON, Stefan [SE/SE]; Ljungkullen 66, S-433 66 Sävödal (SE).

(74) ERICSSON AB; Patent Unit West, S-431 84 Mölndal (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/00

(11) WO 03/088567 (13) A2

(21) PCT/DE03/01055

(22) 31 Mar/mar 2003 (31.03.2003)

(25) de (26) de

(30) 202 05 701.1 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VARIABLE FIELD BUS COUPLING WITH A LONG COUPLING LENGTH,

IN PARTICULAR FOR MOBILE CONTROLLERS AND OBSERVATION DEVICES

• COUPLAGE DE BUS DE TERRAIN VARIABLE A GRANDE LONGUEUR DE COUPLAGE, NOTAMMENT POUR APPAREILS DE COMMANDE ET D'OBSERVATION MOBILES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRUNER, Wolfgang [DE/DE]; Schulze-Delitzsch-Weg 22, 90469 Nürnberg (DE). RIEGER, Gottfried [DE/DE]; Wilhelmstrasse 43, 90766 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (BE DE ES FR GB IT NL RO).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (BE DE ES FR GB IT NL RO)
(u) for / pour US only / seulement

(51)⁷ H04L 12/00

(11) WO 03/088568 (13) A2

(21) PCT/US03/10400

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371,983 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONTROL CIRCUIT
• CIRCUIT DE COMMANDE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERDUE, Kenneth, Lee [US/US]; 1417 Carey Court, Carmel, IN 46032 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson Licensing Inc., Two Independence Way, Suite #2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/18, H04Q 7/22

(11) WO 03/088569 (13) A1

(21) PCT/IB02/01245

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND SYSTEM FOR SETTING UP A MULTICAST OR BROADCAST TRANSMISSION
- PROCEDE ET SYSTEME PERMETTANT D'ETABLIR UNE TRANSMISSION MULTI-DIFFUSION OU RADIO-DIFFUSION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HURTTA, Tuija [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI).
- (74) UNGERER, Olaf; Eisenführ, Speiser & Partner, Arnulfstr. 25, 80335 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/18
- (11) WO 03/088570 (13) A1
- (21) PCT/IB02/02278
- (22) 19 Jun/juin 2002 (19.06.2002)
- (25) en (26) en
- (30) PCT/IB02/01245 17 Apr/avr 2002 IB (17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND SYSTEM FOR SETTING UP A MULTICAST OR BROADCAST TRANSMISSION
- PROCEDE ET SYSTEME D'ETABLISSEMENT D'UNE TRANSMISSION MULTIDESTINATION OU DE RADIO-DIFFUSION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HURTTA, Tuija [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI).
- (74) LEISSLER-GERSTL, Gabriele; Eisenführ, Speiser & Partner, Arnulfstr. 25, 80335 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04L 12/22, 9/32, 29/06
- (11) WO 03/088571 (13) A1
- (21) PCT/US03/12453
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (30) 60/371,736 12 Apr/avr 2002 US (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR SECURE WIRELESS COMMUNICATIONS USING PKI
- SYSTEME ET PROCEDE POUR COMMUNICATIONS SANS FIL SECURISEES AU MOYEN D'UNE INFRASTRUCTURE A CLES PUBLIQUES
- (71) KARBON SYSTEMS, LLC [US/US]; 51 Anchorage Drive, Newport News, VA 23602 (US).
- (72) OKEREKE, Emeka; 859 N. Mountain Avenue, #24H, Upland, CA 91786 (US). THACHER, Robert; 51 Anchorage Drive, Newport News, VA 23602 (US). GOOD, Justin; 380 Browning Street, Upland, CA 91784 (US).
- (74) BERGERT, Thomas, F. et al. / etc.; Williams Mullen, PC, 8270 Greensboro Drive, Suite 700, Mc Lean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

-
- (51)⁷ H04L 12/24
- (11) WO 03/088572 (13) A1
- (21) PCT/EP03/03625
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) TO2002 A 000325 12 Apr/avr 2002 IT (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR ORGANISING COMMUNICATION BETWEEN MANAGER OBJECTS AND MANAGED OBJECTS IN A COMMUNICATION NETWORK, ARCHITECTURE AND SOFTWARE THEREOF
- PROCEDE D'ORGANISATION DE COMMUNICATION ENTRE OBJETS GESTIONNAIRES ET OBJETS GERES DANS UN RESEAU DE COMMUNICATION, ARCHITECTURE ET LOGICIEL CORRESPONDANTS

- (71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GHIRARDI, Maurizio [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).
- (74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

-
- (51)⁷ H04L 12/24, 29/06, 29/08
- (11) WO 03/088573 (13) A2
- (21) PCT/FR03/01146
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) fr (26) fr
- (30) 02/04636 12 Apr/avr 2002 FR (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR ESTABLISHMENT AND RUNNING OF A COMPUTER CONNECTION
- PROCEDE D'ETABLISSEMENT ET DE DEROULEMENT D'UNE LIAISON INFORMATIQUE
- (71, 72) GOUGET, Michel [FR/FR]; 3, rue d'Auteuil, F-75016 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/26, H04B 3/46, G01R 31/00

(11) WO 03/088574 (13) A1

(21) PCT/EP03/03930

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 02008552.8 16 Apr/avr 2002 EP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR TESTING SUBSCRIBER CONNECTION LINES FOR BROADBAND SERVICES

• PROCEDE DE VERIFICATION DE LIGNES DE RACCORDEMENT D'USAGER POUR DES SERVICES LARGE BANDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOZEK, Werner [DE/AT]; Eipeldauerstr. 38/27/8, A-1220 Wien (AT). AHRNDT, Thomas [DE/DE]; Karl-Birzer-Str. 2, 85521 Ottobrunn (DE). SCHÜTZLER, Bert [AT/AT]; Ahornweg 3, A-1220 Wien (AT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 12/26

(11) WO 03/088575 (13) A1

(21) PCT/US03/10187

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/119,881 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MONITORING OF INFORMATION IN A NETWORK ENVIRONMENT

• CONTROLE D'INFORMATIONS DANS UN ENVIRONNEMENT DE RESEAU

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

(72) BAKITA, Thomas, R.; 4101 Crystal Clay Court, Raleigh, NC 27613 (US). O'ROURKE, Chris; 602 Scotts Ridge Trail, Apex, NC 27502 (US). FRYE, Dwight, R.; 107 Eagle Court, Cary, N.C. 27511 (US). PITTENGER, Frank, W.; 7321 Summerland Drive, Raleigh, NC 27612 (US). WHITE, John, G.; 104 Crilly Lane, Cary, NC 27511 (US). SCHOMBURG, Keith, R.; 1108 Heathwood Dairy Road, Apex, NC 27502 (US). MACKIE, Robert, A.

_____; 104 Rushingwater Drive, Cary, NC 27513 (US). DIXON, Walter, G.; 3616 Brackenridge Lane, Fuquay-Varina, NC 27526 (US).

(74) SHOWALTER, Barton, E.; Baker Botts LLP, 2001 Ross Ave., Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(51)⁷ H04L 12/26, 12/24

(11) WO 03/088576 (13) A1

(21) PCT/US03/08300

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/366,507 21 Mar/mar 2002 US (21.03.2002)

(30) 10/388,045 13 Mar/mar 2003 US (13.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETERMINING NETWORK OPERATIONAL CHARACTERISTICS OF SOFTWARE APPLICATIONS

• PROCEDE, SYSTEME ET PROGRAMME INFORMATIQUE PERMETTANT DE DETERMINER LES CARACTERISTIQUES DE FONCTIONNEMENT RESEAU D'APPLICATIONS LOGICIELLES

(71) SIEMENS MEDICAL SOLUTIONS USA, INC. [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355-1405 (US).

(72) MCBRIDE, Edmund, Joseph; 1521 Susan Drive, Lansdale, PA 19446 (US).

(74) BURKE, Alexander J. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT RO SE TR).

(51)⁷ H04L 12/28, 29/06, H04Q 7/38, H04L 9/32, 12/14

(11) WO 03/088577 (13) A1

(21) PCT/FI02/01033

(22) 17 Dec/déc 2002 (17.12.2002)

(25) fi (26) en

(30) 20020733 16 Apr/avr 2002 FI (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND SYSTEM FOR AUTHENTICATING USER OF DATA TRANSFER DEVICE

• PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UN UTILISATEUR D'UN DISPOSITIF DE TRANSFERT DE DONNEES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TUOMI, Jukka [FI/FI]; Marjatankatu 13, FIN-33730 Tampere (FI). HAVERINEN, Henry [FI/FI]; Arkkitehdinkatu 15 A 3, FIN-33720 Tampere (FI). LYBÄCK, Niklas [FI/FI]; Ristinientie 28 F 24, FIN-02320 Espoo (FI). PIENIMÄKI, Sami [FI/FI]; Kestilänkkuja 3 B 5, FIN-33960 Pirkkala (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H04L 12/28, H04Q 7/38

(11) WO 03/088578 (13) A1

(21) PCT/IB02/01273

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, SYSTEM AND DEVICE FOR SERVICE SELECTION VIA A WIRELESS LOCAL AREA NETWORK

• PROCEDE, SYSTEME ET DISPOSITIF DE SELECTION DE SERVICE PAR LE BIAIS D'UN RESEAU LOCAL SANS FIL

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKKONEN, Jouni** [FI/FI]; Kotimäenkatu 5, FIN-33820 Tampere (FI).
HAVERINEN, Henry [FI/FI]; Arkkitehdinkatu 15 A 3, FIN-33720 Tampere (FI).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **H04L 12/28, 12/56, 29/06**

(11) **WO 03/088579** (13) A1

(21) PCT/IB02/01348

(22) **16 Apr/avr 2002 (16.04.2002)**

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HANDLING A REQUEST TO ESTABLISH A PACKET SWITCHED SESSION
• TRAITEMENT D'UNE DEMANDE POUR REALISER UNE SESSION A COMMUTATION PAR PAQUETS

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COSTA REQUENA, Jose** [ES/FI]; Karjalankatu 11 A 11, FIN-00520 Helsinki (FI).
ESPIGARES DEL POZO, Inmaculada [ES/FI]; Karjalankatu 11 A 11, FIN-00520 Helsinki (FI).
TURUNEN, Matti, T. [FI/FI]; Kukkuraisenkatu 4, FIN-33700 Tampere (FI).

(74) **SCHIPPAN, Ralph**; Cohausz & Florack, Kanzlerstrasse 8a, 40472 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/28, 12/56**

(11) **WO 03/088580** (13) A1

(21) PCT/IL03/00297

(22) **8 Apr/avr 2003 (08.04.2003)**

(25) en (26) en

(30) 10/119,804 **9 Apr/avr 2002 (09.04.2002)** US

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ISCSI-FCP GATEWAY
• PASSERELLE ISCSI-FCP

(71) **SANCASTLE TECHNOLOGIES LTD.** [IL/IL]; 5 Carmel Street, P.O. Box 340, Yokne'am (IL).
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(72, 75) **CZEIGER, Moshe** [IL/IL]; 18 HaPoskim Street, 26341 Haifa (IL).
FLINT, Yoav [IL/IL]; 4 Shaar Hagai Street, 34554 Haifa (IL).

(74) **SANFORD T. COLB & CO.** et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H04L 12/28**

(11) **WO 03/088581** (13) A1

(21) PCT/JP03/02275

(22) **27 Feb/fév 2003 (27.02.2003)**

(25) ja (26) ja

(30) 2002-115430 **17 Apr/avr 2002 (17.04.2002)** JP

(30) 2002-197995 **5 Jul/juil 2002 (05.07.2002)** JP

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMMUNICATION MANAGEMENT METHOD, COMMUNICATION MANAGEMENT PROGRAM, RECORDING MEDIUM CONTAINING THE COMMUNICATION MANAGEMENT PROGRAM, AND COMMUNICATION STATION

• PROCEDE DE GESTION DE COMMUNICATION, PROGRAMME DE GESTION DE COMMUNICATION, SUPPORT D'ENREGISTREMENT COMPORTANT CE PROGRAMME DE GESTION DE COMMUNICATION ET STATION DE COMMUNICATION

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

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(72, 75) **FUJII, Hidekazu** [JP/JP]; 2613-1-838, Ichinmoto-cho, Tenri-shi, Nara 632-0004 (JP).
OHTANI, Yoshihiro [JP/JP]; 3-1-2-301, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP).
TOMARU, Tomonobu [JP/JP]; 2613-1-761, Ichinmoto-cho, Tenri-shi, Nara 632-0004 (JP).

(74) **HARA, Kenzo** et al. / etc.; Harakenzo Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/28**

(11) **WO 03/088582** (13) A2

(21) PCT/JP03/04508

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 0208692.4 **16 Apr/avr 2002 (16.04.2002)** GB

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHODS AND APPARATUS FOR ALTERNATIVE MODE MONITORING

• PROCEDES ET APPAREIL POUR UNE SURVEILLANCE DE MODE ALTERNATIF

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) **SIMMONDS, Christopher Martin**; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).
HAINES, Russell John; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).
FITTON, Michael Philip; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP

(51)⁷ **H04L 12/28**

(11) **WO 03/088583** (13) A1

(21) PCT/KR02/00634

(22) 9 Apr/avr 2002 (09.04.2002)

(25) ko (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR REMOTE CONTROLLING AND MONITORING ELECTRIC HOME APPLIANCES

- SYSTEME ET PROCÉDE DE COMMANDE ET DE SURVEILLANCE A DISTANCE D'APPAREILS ELECTRIQUES DOMESTIQUES

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).

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(72, 75) YOON, Hong Shik [KR/KR]; Hyundai Apt., 110-1103, 3-1, Banlim-dong, Changwon-shi, Kyongsangnam-do 641-180 (KR). BAEK, Seung Myun [KR/KR]; Lucky Apt., 12-403, Banlim-dong, Changwon-shi, Kyongsangnam-do 641-180 (KR). LEE, Koon Seok [KR/KR]; 17-5, Salim-dong, Changwon-shi, Kyongsangnam-do 641-241 (KR). CHOI, Hwan Jong [KR/KR]; LG Electronics Inc. Domitory H-317, 14-5, Kaeumjung-dong, Changwon-shi, Kyongsangnam-do 641-110 (KR).

(74) KANG, Yong Bok et al. / etc.; KIMS International Patent & Law Office, 15th Floor Yo Sam Building, 648-23 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, G06F 17/60, A63B 71/06

(11) WO 03/088584 (13) A1

(21) PCT/SE03/00516

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 0201056-9 5 Apr/avr 2002 SE (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A SYSTEM OPERABLE TO MANAGE AND PROVIDE RESULTS-, PROGNOSES- AND GAMES & GAMING INFORMATION FOR GEOGRAPHICALLY DISTRIBUTED SPORTS

- SYSTEME UTILISABLE POUR GESTIONNER ET FOURNIR DES RESULTATS, DES PRONOSTICS ET DES INFORMATIONS DE JEUX ET PARIS POUR DES EVENEMENTS SPORTIFS GEOGRAPHIQUEMENT DISPERSES

(71, 72) ISAKSSON, Lennart [SE/SE]; Häggvägen 16, S-954 41 Södra Sunderbyn (SE).

(74) GROTH & CO. KB et al. / etc.; Box 6107, Västmannagatan 43, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 03/088585 (13) A1

(21) PCT/US03/10476

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/121,952 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR ACCESS POINT MANAGEMENT OF MESSAGES FOR POWERED OFF STATIONS IN WIRELESS LAN

- PROCÉDE DE GESTION D'UN POINT D'ACCES DES MESSAGES POUR DES STATIONS HORS TENSION DANS UN RESEAU LOCAL D'ENTREPRISE SANS FILS

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TONSE, Sudhir; #83 Kaustubha, 12th Main, Banashankari 2nd Stage, Bangalore, KK 560070 (IN). KP, Sameer; #C1, Garden Residency Apartment, 5th Cross, Ganesha Block, R.T. Nagar Post, Bangalore, KK 560032 (IN). MISHRA, Meeta; #G-5, G.M. Complex, G.M. Palya Main Road, New Thippasandra, Bangalore, KK 560075 (IN). DEGWEKAR, Anila; C3 Gem Wellington, Murugesh Palya, Airport Road, Bangalore, KK 560017 (IN). RAJAGOPAL, Sridhar; 380/10 Shivan, #201, 13 Main Road, RMV Extension, Bangalore, KK 560080 (IN).

(74) HARRIS, Scott, C. et al. / etc.; Fish & Richardson P.C., 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 03/088586 (13) A1

(21) PCT/US03/10614

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/371,198 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEMS AND METHODS FOR PROVIDING QOS ENVIRONMENT

- SYSTEMES ET PROCÉDES PERMETTANT DE FOURNIR UN ENVIRONNEMENT DE QUALITE DE SERVICE

(71) NEXT GENERATION SYSTEMS, INC. [US/US]; P.O. Box 31205, Dayton, OH 45437-0205 (US).

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(72, 75) WARDEN, Gary, G. [US/US]; 4285 US Rte 40, Tipp City, OH 45371 (US). CUNNINGHAM, James, A. [US/US]; 114 Peach Orchard Ave., Dayton, OH 45419 (US). KRAGICK, Nathan, A. [US/US]; 3331 Maplewood Drive, Beavercreek, OH 45434 (US).

(74) BERRIER, Mark, L.; Gray Cary Ware & Freidenrich LLP, 1221 S. MoPac Expressway, Suite 400, Austin, TX 78746-6875 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 03/088587 (13) A1

(21) PCT/US03/11118

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/371,718 12 Apr/avr 2002 US (12.04.2002)

(30) 10/298,542 19 Nov/nov 2002 US (19.11.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR IDENTIFYING POTENTIAL HIDDEN NODE PROBLEMS IN MULTI-HOP WIRELESS AD-HOC NETWORKS

- SYSTEME ET PROCÉDE D'IDENTIFICATION DE PROBLEMES POTENTIELS DE NOEUD CACHE DANS DES RESEAUX AD HOC HERTZIENS A POINTS MULTIPLES

(71) MESHNETWORKS, INC. [US/US]; 485 North Keller Road, Maitland, FL 32751 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASTY, William, V., Jr. [US/US]; 1420 Lake Shadow Circle #9-102, Maitland, FL 32751 (US).

(74) BUCZYNSKI, Joseph et al. / etc.; 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/28, 1/00

(11) WO 03/088588 (13) A1

(21) PCT/US03/07651

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/118,096 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • OPTIMIZATION OF TRANSMISSION PARAMETERS OF A WIRELESS INTERFACE BASED ON COMMUNICATION TYPE

• OPTIMISATION DES PARAMETRES DE TRANSMISSION D'UNE INTERFACE SANS FIL SUR LA BASE DU TYPE DE COMMUNICATION

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) SPEAR, Stephen; 25 Williamsburg, Skokie, IL 60203 (US). GUPTA, Sanjay; 9565 Nicklaus Lane, Lakewood, IL 60014 (US).

(74) MAY, Steven, A. et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/40, B60R 16/02

(11) WO 03/088589 (13) A1

(21) PCT/DE03/01245

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 16 921.7 15 Apr/avr 2002 DE (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR PADDING DATA SEGMENTS WITH A FILL PATTERN AND SUBSEQUENT OVERWRITING WITH INFORMATION, IN ADDITION TO CORRESPONDING BUS SYSTEM

• PROCEDE ET DISPOSITIF DE REMPLISSAGE DE SEGMENTS DE DONNEES A L'AIDE D'UN MODELE DE REMPLISSAGE, AINSI QUE D'ECRAISEMENT SUBSEQUENT AU MOYEN D'INFORMATIONS, ET SYSTEME DE BUS CORRESPONDANT

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 102 16 984.5 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • NETWORK COMPRISING AN INTERCONNECTING NETWORK AND SEVERAL NETWORK NODES THAT ARE COUPLED TO SAID INTERCONNECTING NETWORK

• RESEAU COMPRENANT UN RESEAU DE LIAISON ET PLUSIEURS NOEUDS DE RESEAU COUPLES AUDIT RESEAU DE LIAISON

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) ru (26) ru
(30) 2002110194 17 Apr/avr 2002 RU
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CORPORATE COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION POUR ENTREPRISE

(71, 72) VESELOV, Andrei Anatol'evich [RU/RU]; ul. Ivanova, 15-63, Novosibirsk, 630055 (RU).

(81) AE AG AM AT AU AZ BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GE HR HU IL IN JP KP KR KZ LT LV MD MK MX NZ PL PT RO SE SG TR UA US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR COMMONLY CONTROLLING THE BANDWIDTHS OF A GROUP OF INDIVIDUAL INFORMATION FLOWS

• PROCEDE POUR LE CONTROLE COMMUN DES LARGEURS DE BANDE D'UN GROUPE DE FLUX D'INFORMATIONS INDIVIDUELS

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/24

(11) WO 03/088593 (13) A1

(21) PCT/EP02/04114

(22) 12 Apr/avr 2002 (12.04.2002)

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(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND ARRANGEMENT FOR TRAFFIC ENGINEERING IN AN MPLS

PACKET SWITCHED COMMUNICATION NETWORK

• PROCEDE ET AGENCEMENT DE CONTROLE DE TRAFIC DANS UN RESEAU DE COMMUNICATIONS A COMMUTATION PAR PAQUETS SELON LA COMMUTATION MULTI-PROTOCOLE PAR ETIQUETTE

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

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(21) PCT/EP03/03530

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 02008692.2 18 Apr/avr 2002 EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A METHOD FOR PROVIDING REDUNDANCY FOR CHANNEL ADAPTER FAILURE

• PROCEDE POUR CREER UNE REDONDANCE EN CAS DE DEFAILLANCE DES ADAPTEURS DE CANAUX

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0208374.9 11 Apr/avr 2002 GB
(11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 03/088596 (13) A1

(21) PCT/GB03/01500

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/371688 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ATM TRAFFIC GENERATOR WITH INTERLEAVE MEMORY

• GENERATEUR DE TRAFIC ATM A MEMOIRE IMBRIQUEE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/120,737 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WIRELESS HOUSE SERVER AND METHOD FOR COMMUNICATING WITH THE WIRELESS HOUSE SERVER

• SERVEUR MAISON SANS FIL ET PROCEDE DE COMMUNICATION AVEC CE SERVEUR MAISON SANS FIL

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

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(21) PCT/GB03/01532

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,697 10 Apr/avr 2002 US (10.04.2002)

(30) 60/384,656 30 May/mai 2002 US (30.05.2002)

(30) 10/408,525 7 Apr/avr 2003 US (07.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ALLOCATION OF NETWORK BANDWIDTH AND PRIORITIZATION IN NETWORKS

• ALLOCATION DE BANDE PASSANTE DE RESEAU ET ETABLISSEMENT DE PRIORITES DANS DES RESEAUX

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POLICY-BASED QOS MANAGEMENT IN MULTI-RADIO ACCESS NETWORKS

• GESTION QOS FONDEE SUR UNE POLITIQUE DANS PLUSIEURS RESEAUX D'ACCES RADIO

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 03/088600 (13) A1

(21) PCT/JP02/03839

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

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• APPAREIL DE COMMUNICATION

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(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04L 12/56

(11) WO 03/088601 (13) A1

(21) PCT/KR03/00688

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10-2002-0018888 8 Apr/avr 2002 KR (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RLC FOR REALTIME MULTIMEDIA MOBILE COMMUNICATION SYSTEM

• COMMANDE DE LIAISON DE RADIO-COMMUNICATIONS POUR SYSTEME

DE COMMUNICATION MOBILE MUL-
TIMEDIA EN TEMPS REEL

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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 03/088602 (13) A1

(21) PCT/SE03/00587

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 0201172-4 18 Apr/avr 2002 SE (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND ARRANGEMENT FOR ADAPTIVE RATE CONTROL
- PROCEDE ET SYSTEME DE COMMANDE DE VITESSE ADAPTATIVE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 03/088603 (13) A1

(21) PCT/US03/11004

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,468 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • INTERNET AUDIO GATEWAY
- PASSERELLE AUDIO INTERNET

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(74) BILL, R. Naifeh et al. / etc.; Hayes and Bonne, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202-3789 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04L 12/56

(11) WO 03/088604 (13) A1

(21) PCT/US03/08721

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/116,160 5 Apr/avr 2002 US (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A REAL-TIME CONTROL MECHANISM FOR MULTI-RATE DATA TRANSMISSIONS IN WIRELESS NETWORKS
- MECANISME DE GESTION EN TEMPS REEL POUR LES EMISSIONS DE DONNEES A PLUSIEURS DEBITS DANS DES RESEAUX RADIO

(71) AT & T WIRELESS SERVICES, INC. [US/US]; 7277 164th Avenue N.E., Redmond, WA 98502 (US).

(72) RODRIGUEZ-SANCHEZ, Jose; 4145 Brooklyn Avenue, N.E., Apartment #109, Seattle, WA 98105 (US). HILBORN, Derek; 13412 135th Avenue, N.E., Seattle, WA 98034 (US). GORMLEY, Eamonn; 909 West Raye Street, Seattle, WA 98119 (US).

(74) MUDGE, Brian, S. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/64, 12/56

(11) WO 03/088605 (13) A1

(21) PCT/IT02/00430

(22) 1 Jul/juil 2002 (01.07.2002)

(25) en (26) en

(30) TO02A000326 12 Apr/avr 2002 IT (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SCHEDULING A SHARED RESOURCE AMONG SYNCHRONOUS AND ASYNCHRONOUS PACKET FLOWS
- PROGRAMMATION D'UNE RESOURCE PARTAGEE ENTRE DES FLUX DE PAQUETS SYNCHRONES ET ASYNCHRONES

(71) TELECOM ITALIA S.P.A. [IT/IT]; Via G. Reiss Romoli, 274, I-10148 Torino (IT).
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(72, 75) LENZINI, Luciano [IT/IT]; c/o Telecom Italia Lab S.p.a., Via Reiss Romoli, 274, I-10148 Torino (IT). MINGOZZI, Enzo [IT/IT]; c/o Telecom Italia Lab S.p.a.,

Via Reiss Romoli, 274, I-10148 Torino (IT). **SCARRONE, Enzo** [IT/IT]; c/o Telecom Italia Lab S.p.a., Via Reiss Romoli, 274, I-10148 Torino (IT). **STEA, Giovanni** [IT/IT]; c/o Telecom Italia Lab S.p.a., Via Reiss Romoli, 274, I-10148 Torino (IT).

(74) **GIANNESI, Pier Giovanni** et al. / etc.; Pirelli S.P.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04L 25/06

(11) WO 03/088606 (13) A2

(21) PCT/US03/11070

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,692 9 Apr/avr 2002 US (09.04.2002)

(30) 10/139,205 2 May/mai 2002 US (02.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIRECT CURRENT OFFSET CANCELLATION FOR MOBILE STATION MODEMS USING DIRECT CONVERSION

• SUPPRESSION DE DECALAGE EN COURANT CONTINU POUR MODEMS DE STATIONS MOBILES UTILISANT UNE CONVERSION DIRECTE

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **HOLENSTEIN, Christian**; 4424 Felton Street, San Diego, CA 92116 (US). **KANG, Inyup**; 4257 Calle Isabelino, San Diego, CA 92130 (US). **SEVERSON, Matthew**; 5447 Loganberry Way, Oceanside, CA 92057 (US).

(74) **WADSWORTH, Philip R.**; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/14, 1/00, H04J 14/02

(11) WO 03/088607 (13) A1

(21) PCT/GB03/01590

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 0208560.3 12 Apr/avr 2002 GB (12.04.2002)

(30) 0229543.4 17 Dec/déc 2002 GB (17.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION SYSTEM

• SYSTEME DE TRANSMISSION

(71) **AZEA NETWORKS LIMITED** [GB/GB]; Bates House, Church Road, Harold Wood, Romford, Essex RM3 0SD (GB).

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(72, 75) **BARNES, Stuart** [GB/GB]; Azea Networks Limited, Bates House, Church Road, Harold Wood, Romford, Essex RM3 0SD (GB). **CHOWN, Martin** [GB/GB]; 75 Sheering Road, Harlow, Essex CM17 0JN (GB). **WEBB, Stephen, Michael** [GB/GB]; 1 Silver Birch Avenue, Culverstone Green, Near Meopham, Kent DA13 0TP (GB).

(74) **JOHNSTONE, Helen**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 27/26

(11) WO 03/088608 (13) A1

(21) PCT/EP03/04091

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 60/373,564 17 Apr/avr 2002 US (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR RETRIEVING INFORMATION TRANSMITTED WITH A SIGNAL OVER A SIGNAL CHANNEL AND CORRESPONDING SIGNAL PROCESSING APPARATUS

• PROCEDE D'EXTRACTION DE DONNEES TRANSMISES PAR UN SIGNAL DANS UNE VOIE DE SIGNALISATION ET APPAREIL DE TRAITEMENT DE SIGNAUX CORRESPONDANT

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(72) **YANG, Yan**; 1 Gray Farm Road, Littleton, MA 01460 (US). **STORM, Rainer**; Vogelbeerenweg 34, 85551 Kirchheim (DE). **LUND, Michael**; 110 Prospect Street, West Newton, MA 02465 (US). **FRENZEL, Rudi**; Hofangerstr. 38, 81735 München (DE).

(74) **BANZER, Hans-Jörg**; KRAUS & WEISERT, Thomas-Wimmer-Ring 15, 80539 München (DE).

(81) CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 29/00

(11) WO 03/088609 (13) A2

(21) PCT/IB02/01181

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM, DEVICE AND METHOD FOR IMPROVING THROUGHPUT IN A COMMUNICATION NETWORK, PREFERABLY A MOBILE IPV6-BASED NETWORK

• SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT D'AMELIORER LE DEBIT DANS UN RESEAU DE COMMUNICATION, DE PREFERENCE DANS UN RESEAU MOBILE IPV6

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) **ZHANG, Dongmei** [CN/CN]; Building 10, Room 433, Longziang Road, Haidian District, Beijing (CN). **ZHANG, Runtong** [CN/FI]; Nokia Corporation, Keilalahdentie 4, FIN-02150 Espoo (FI). **KAN, Zhigang** [CN/FI]; Nokia Corporation, Keilalahdentie 4, FIN-02150 Espoo (FI). **MA, Jian** [FI/FI]; Nokia Corporation, Keilalahdentie 4, FIN-02150 Espoo (FI).

(74) **BÖCKELEN, Rainer** et al. / etc.; Tiedtke-Bühling-Kinne, Bavariaring 4, 80336 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/02

(11) WO 03/088610 (13) A1

(21) PCT/JP03/04965

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-116781 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COMMUNICATION TERMINAL DEVICE AND COMMUNICATION CONTROL METHOD

• TERMINAL DE COMMUNICATION ET PROCÉDE DE COMMANDE DE COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HIRANO, Jun [JP/JP]; 20-9-206, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP). INOGAI, Kazunori [JP/JP]; 1237-5-702, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032 (JP). IMAMURA, Daichi [JP/JP]; 21-20-102, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP). TANAKA, Takeshi [JP/JP]; 6-2-406, Hikarino-oka, Yokosuka-shi, Kanagawa 239-0847 (JP).

(74) NIIHEI, Masayuki; 6th Tomizawa Bldg. 6F, 12-5, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, G06F 17/30

(11) WO 03/088611 (13) A1

(21) PCT/DE02/01382

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • REPRESENTATION OF BOOLEAN EXPRESSIONS FOR SPECIFYING FILTERS USING XML

• REPRESENTATION D'EXPRESSIONS BOOLEENNES POUR LA SPECIFICATION DE FILTRES PAR XML

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MAYER, Georg [DE/DE]; Griesser 2 A, 83714 Miesbach (DE). OBERMAIER, Richard [DE/DE]; Boschetsriederstr. 51C, 81379 München (DE). STRAULINO, Heiko [DE/DE]; Benefiziat-Bach Str. 19, 82152 Planegg-Martinsried (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04L 29/06

(11) WO 03/088612 (13) A2

(21) PCT/FR03/01169

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/04840 12 Apr/avr 2002 FR (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR THE ANONYMOUS AUTHENTICATION OF A DATA TRANSMITTER

• PROCÉDE D'AUTHENTIFICATION ANONYME D'UN EMETTEUR DE DONNEES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDREAUX, Jean-Pierre [FR/FR]; 20, rue de Lorgeril, F-35000 Rennes (FR). DIEHL, Eric [FR/FR]; La Buzardière, F-35340 Liffre (FR). DURAND, Alain [FR/FR]; 79, rue de Dinan, F-35000 Rennes (FR).

(74) BERTHIER, Karine; Thomson, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ H04L 29/06, G06F 17/30, 17/60, H04L 7/00

(11) WO 03/088613 (13) A1

(21) PCT/IB02/01203

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR HANDLING SYNCHRONIZATION RELATED INFORMATION

• PROCÉDE ET DISPOSITIF POUR GERER DES INFORMATIONS RELATIVES A LA SYNCHRONISATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RAPAKKO, Jouni [FI/FI]; Kaapekankaantie 10, Fin-37910 Kylmäkoski (FI). MARTIKAINEN, Mika [FI/FI]; Kustaankuja 16, FIN-33880 Lempäälä (FI). PAJUSAARI, Sami [FI/FI]; Kaiturinkatu 16 D 32, FIN-33820 Tampere (FI).

(74) KURIG, Thomas; Bavariastrasse 7, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/088614 (13) A1

(21) PCT/IL03/00276

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 149165 15 Apr/avr 2002 IL (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR EFFICIENT TRANSMISSION OF VOIP TRAFFIC

• PROCÉDE ET APPAREIL DE TRANSMISSION EFFICACE DE TRAFIC VOIP

(71) VERAZ NETWORKS LTD. [IL/IL]; 30 Hasivim Street, 49517 Petach Tikva (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PHILIPS, David [IL/IL]; 26 Kdoshey Kahir Street, Holon 58362 (IL). LITVAK, Oleg [IL/IL]; 1/3 Mishol Hazait Street, 44837 Ariel (IL).

(74) INGEL, Gil et al. / etc.; ECI TELECOM LTD., Patent and Trademark Dept., 30 Hasivim Street, 49517 Petach Tikva (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 29/06

(11) WO 03/088615 (13) A2

(21) PCT/JP03/04898

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 2002-115861 18 Apr/avr 2002 JP (18.04.2002)

(30) 2003-108846 14 Apr/avr 2003 JP (14.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MOBILE NODE AND METHOD FOR MOBILE COMMUNICATIONS

• NOEUD MOBILE ET PROCÉDÉ POUR COMMUNICATIONS MOBILES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FUNABIKI, Makoto [JP/JP]; 3-33-17, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0015 (JP). IKEDA, Shinkichi [JP/JP]; 11-5-105, Omaru, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0061 (JP). MATSUMOTO, Taisuke [JP/JP]; 2-12-14-705, Kitasaiwai, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP). KIMURA, Yasunari [JP/JP]; 34-19-G309, Chigusa-dai, Aoba-ku, Yokohama-shi, Kanagawa 227-0051 (JP). KOBAYASHI, Hirokazu [JP/JP]; 224-1-102, Gorikida, Asao-ku, Kawasaki-shi, Kanagawa 215-0025 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/088616 (13) A1

(21) PCT/US03/10506

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/120,440 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD, SYSTEM AND COMPUTER PRODUCT FOR PROCESSING PACKETS WITH LAYERED HEADERS

• PROCEDE, SYSTEME ET PRODUIT INFORMATIQUE PERMETTANT DE TRAITER DES PAQUETS AVEC DES EN-TETES EN COUCHES

(71) HI/FN, INC. [US/US]; 750 University Avenue, Los Gatos, CA 95032-7695 (US).

(72) SAVARDA, Raymond; 4224 Sancroft Drive, Apex, NC 27502 (US).

(74) MOORE, Scott, D.; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06, H04Q 7/38

(11) WO 03/088617 (13) A1

(21) PCT/US03/10512

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 60/370,442 5 Apr/avr 2002 US (05.04.2002)

(30) 60/407,469 29 Aug/août 2002 US (29.08.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • KEY UPDATES IN A MOBILE WIRELESS SYSTEM

• MISES A JOUR DE CLES DANS UN SYSTEME DE TELECOMMUNICATION MOBILE SANS FIL

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) QUICK, Roy Franklin, Jr.; 1150 Barcelona Drive, San Diego, CA 92107 (US). DYCK, Jeffrey; 4816 Mt. Harris Drive, San Diego, CA 92117 (US). LIOY, Marcello; 7588 Charmant Drive, #1924, San Diego, CA 92122 (US). MANDAYAM, Jayanth; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 29/12

(11) WO 03/088618 (13) A1

(21) PCT/US03/10628

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/370,029 3 Apr/avr 2002 US (03.04.2002)

(30) 10/348,937 21 Jan/jan 2003 US (21.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR TRANSPARENT MOBILE IP REGISTRATION WITHIN PPP NEGOTIATION

• SYSTEME ET PROCEDE D'ENREGISTREMENT IP MOBILE TRANSPARENT AU SEIN D'UNE NEGOCIATION PPP

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) ABROL, Nischal; 7260 Calle Cristobal, #41, San Diego, CA 92126 (US). DYCK, Jeffrey; 4816 Mt. Harris Drive, San Diego, CA 92117 (US). LIOY, Marcello; 11929 Miro Circle, San Diego, CA 92131 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 29/14, H04Q 7/22

(11) WO 03/088619 (13) A1

(21) PCT/US03/10643

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/370,033 3 Apr/avr 2002 US (03.04.2002)

(30) 10/375,723 **25 Feb/fév 2003** US
(25.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PPP LINK NEGOTIATION IN MOBILE IP SYSTEMS

- NEGOCIATION DE LIAISON A PROTOCOLE POINT-A-POINT (PPP) DANS DES SYSTEMES IP MOBILES

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **KUZHIIYIL, Anup**; 8550 Costa Verde Boulevard, #5217, San Diego, CA 92122 (US). **ABROL, Nischal**; 7260 Calle Cristobal, #41, San Diego, CA 92126 (US). **LIOY, Marcello**; 11929 Miro Circle, San Diego, CA 92131 (US).

(74) **WADSWORTH, Philip R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04L 29/06, 12/40**

(11) **WO 03/088620** (13) A1

(21) PCT/US03/10933

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(30) 10/120,037 **10 Apr/avr 2002** US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD FOR A CONTROL SYSTEM OVER ETHERNET AND IP NETWORKS

- PROCEDE DESTINE A UN SYSTEME DE COMMANDE SUR RESEAUX ETHERNET ET IP

(71) **SCHNEIDER AUTOMATION INC.** [FR/US]; One High Street, North Andover, MA 01845 (US).

(72) **JAMMES, Francois**; 17 chemin des Ayguinards, F-38700 Corenc (FR).

(74) **GOLDEN, Larry, I.**; Square D Company, 1415 South Roselle Road, Palatine, IL 60067 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **H04L 29/06**

(11) **WO 03/088621** (13) A2

(21) PCT/US03/09134

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 10/118,203 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RETRY TECHNIQUE FOR MULTI-TIER NETWORK COMMUNICATION SYSTEMS

- TECHNIQUE DE RELANCE POUR SYSTEMES DE COMMUNICATIONS EN RESEAU A ETAGES MULTIPLES

(71) **ORACLE INTERNATIONAL CORPORATION** [US/US]; M/S 50P7, 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) **HU, Wei**; 529 Hilbar Lane, Palo Alto, CA 94303 (US). **LOAIZA, Juan**; 13 Woodleaf Avenue, Redwood City, CA 94061 (US).

(74) **MAHAMED, Van et al.** / etc.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/08, 1/18**

(11) **WO 03/088622** (13) A1

(21) PCT/IB03/01342

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) PCT/IB02/01181 **12 Apr/avr 2002** IB
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM, DEVICE AND METHOD FOR IMPROVING THROUGHPUT IN A COMMUNICATION NETWORK, PREFERABLY A MOBILE IPV6-BASED NETWORK

- SYSTEME, DISPOSITIF ET PROCEDE POUR AMELIORER LE DEBIT DANS UN RESEAU DE COMMUNICATION, DE PREFERENCE UN RESEAU MOBILE DE TYPE IPV6

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) **ZHANG, Dongmei** [CN/CN]; Building 10, Room 433, Longziang Road, Haidian District, Beijing (CN). **ZHANG, Runtong** [CN/FI]; c/o NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo (FI). **KAN, Zhigang** [CN/FI]; c/o NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo (FI). **MA, Jian** [FI/FI]; c/o NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo (FI).

(74) **LESON, Thomas, Johannes, Al;** TBK-Patent, Bavariaring 4-6, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04L 29/10**

(11) **WO 03/088623** (13) A2

(21) PCT/DE03/01118

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) de (26) de

(30) 102 16 853.9 **16 Apr/avr 2002** DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TELECOMMUNICATION MODULE COMPRISING A SYSTEM-DATA PROCESSING MEANS FOR EXECUTING AT LEAST ONE TELECOMMUNICATION ACTIVITY

- MODULE DE TELECOMMUNICATION COMPRENANT UN MOYEN INFORMATIQUE SYSTEME POUR EXECUTER AU MOINS UNE ACTIVITE DE TELECOMMUNICATION

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **SCHWALBACH, Peter** [DE/DE]; Görlitzer Str. 43, 10997 Berlin (DE).

(74) **SIEMENS AKTIENGESSELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/12**

(11) **WO 03/088624** (13) A1

(21) PCT/IB03/01496

(22) **14 Apr/avr 2003 (14.04.2003)**

(25) en (26) en

(30) 102 17 192.0 **18 Apr/avr 2002** DE
(18.04.2002)

- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD FOR ADDRESS CONVERSION IN HETEROGENEOUS NETWORKS
- PROCEDE DE CONVERSION D'ADRESSES DANS DES RESEAUX HETEROGENES
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, D-20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) MONTVAY, András [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, D-52066 Aachen (DE). KAHLERT, Joachim [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, D-52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, D-52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 29/12
- (11) WO 03/088625 (13) A1
- (21) PCT/US03/09834
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (30) 60/370,812 8 Apr/avr 2002 US (08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND SYSTEM FOR ENABLING CONNECTIONS INTO NETWORKS WITH LOCAL ADDRESS REALMS
- PROCEDE ET SYSTEMES DE VALIDATION DE CONNEXIONS AU SEIN DE RESEAUX A L'AIDE DE DOMAINES D'ADRESSES LOCALES
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VOLZ, Bernie [US/US]; 19 Fiske Road, Ashland, MA 01721 (US). CHAMBERT, George [SE/SE]; Eksatravagen 138, S-756 55 Uppsala (SE). KORLING, Martin [SE/SE]; Skuggvagen 12, S-191 45 Sollentuna (SE). LANDFELDT, Bjorn [SE/AU]; 23 Mayman Row, Menai, NSW 2234 (AU). ISMAILOV, Yuri [SE/SE]; Rinkebysvangen 91/407, S-163 74 Spanga (SE).
- (74) STAHL, Scott, B. et al. / etc.; Jackson Walker L.L.P., Suite 600, 2435 N. Central Expressway, Richardson, TX 75080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M
- (11) WO 03/088626 (13) A2
- (21) PCT/US03/10457
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (30) 60/370,725 9 Apr/avr 2002 US (09.04.2002)
- (30) 10/246,364 18 Sep/sep 2002 US (18.09.2002)
- (30) 10/246,365 18 Sep/sep 2002 US (18.09.2002)
- (30) 60/319,737 27 Nov/nov 2002 US (27.11.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • SYSTEM AND METHOD FOR LOCATING WIRELESS DEVICES IN AN UNSYNCHRONIZED WIRELESS ENVIRONMENT
- SYSTEME ET PROCEDE DE LOCALISATION DE DISPOSITIFS SANS FIL DANS UN ENVIRONNEMENT SANS FIL NON SYNCHRONISE
- (71) COGNIO, INC. [US/US]; 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGAR, Gary, L. [US/US]; 15307C Diamond Cove Terrace, Rockville, MD 20850 (US). KLOPER, David, S. [US/US]; 1012 Leafy Hollow Circle, Mt. Airy, MD 21771 (US).
- (74) FLOAM, D., Andrew; Intellectual Property Counsel, Cognio, Inc., 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M 1/00, 9/00
- (11) WO 03/088628 (13) A2
- (21) PCT/IL03/00310
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 10/122,077 15 Apr/avr 2002 US (15.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR TRANSMITTING SIGNALING TONES OVER A PACKET SWITCHED NETWORK
- PROCEDE ET APPAREIL DE TRANSMISSION DE TONALITES DE SIGNALISATION PAR UN RESEAU A COMMUTATION PAR PAQUETS
- (71) AUDIOCODES LTD. [IL/IL]; 4 HaHoresh Street, 56470 Yehud (IL).
- (72) SHOVAL, Eli; 27 Revivim Street, 48621 Rosh Ha'ayin (IL). RAIFEL, Mark; 37 Ahi Dakar Street, 43259 Ra'anana (IL). BIALIK, Leon; 4 Rekanati, Apt 60, 69494 Tel Aviv (IL).
- (74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02, H04Q 7/32

(11) WO 03/088629 (13) A1

(21) PCT/FI03/00294

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 20020737 17 Apr/avr 2002 FI (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE, FOLDABLE ELECTRONIC DEVICE EQUIPPED WITH TELEPHONE FUNCTIONS AND CAMERA FUNCTIONS

• DISPOSITIF ELECTRONIQUE PLIABLE ET PORTATIF MUNI DE FONCTIONS DE TELEPHONE ET DE FONCTIONS DE PRISE DE VUES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VIERTOLA, Kimmo [FI/FI]; Mansikkarinne 11, FIN-37470 Vesilahti (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02

(11) WO 03/088630 (13) A1

(21) PCT/JP03/02144

(22) 26 Feb/fév 2003 (26.02.2003)

(25) ja (26) ja

(30) 2002-116250 18 Apr/avr 2002 JP (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRONIC EQUIPMENT

• EQUIPEMENT ELECTRONIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SUZUKI, Shinya [JP/JP]; Room 101, ReikusaikidoKK, 4635, Tomizuka-cho, Hamamatsu-shi, Shizuoka 432-8002 (JP). SUZUKI, Emi [JP/JP]; Room 408, Matsushitatsushin, Tsunashimaryo, 21-2, Tsunashimadai, Kohoku-ku, Yokohama-shi, Kanagawa 223-0054 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02

(11) WO 03/088631 (13) A1

(21) PCT/JP03/04781

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-113386 16 Apr/avr 2002 JP (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • PORTABLE TERMINAL

• TERMINAL PORTABLE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SATOH, Noriyoshi [JP/JP]; 1336, Shinyoshida-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 223-0056 (JP). YAMAGUCHI, Seiya [JP/JP]; Room 201, Barerutaun Hausu, 4-1-3, Tarumachi, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). TANAKA, Yasuyuki [JP/JP]; 749-1, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0054 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H04M 1/02, H02J 7/00

(11) WO 03/088632 (13) A1

(21) PCT/NL03/00248

(22) 2 Apr/avr 2003 (02.04.2003)

(25) nl (26) en

(30) 1020317 5 Apr/avr 2002 NL (05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CHARGING UNIT FOR CELLULAR PHONES

• UNITE DE FACTURATION D'UN TELEPHONE CELLULAIRE

(71, 72) SCHRAM, Reinier, Wouter, Jacques [NL/NL]; Allersma 79, NL-5655 CC Eindhoven (NL).

(74) VERHEES, Godefridus, Josephus, Maria; Brabants Octrooibureau, De Pinckart 54, NL-5674 CC Nuenen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/24, 3/08, 3/22

(11) WO 03/088633 (13) A1

(21) PCT/US03/11098

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,456 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • GLOBAL DIGITAL MEASUREMENT DEVICE

• DISPOSITIF DE MESURE NUMERIQUE COMMUN

(71) TOLLGRADE COMMUNICATIONS, INC. [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEDUZZI, David, J. [US/US]; 116 Brinton Avenue, Trafford, PA 15085 (US). SMITH, Roger, A. [US/US]; 3307 Oaknoll Road, Gibsonia, PA 15044 (US).

(74) BYRNE, Richard, L. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C.,

- 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04M 3/22, H04Q 7/38
(11) WO 03/088634 (13) A1
(21) PCT/IB02/01221
(22) 12 Apr/avr 2002 (12.04.2002)
(25) en (26) en
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • INFECTION-BASED MONITORING OF A PARTY IN A COMMUNICATION NETWORK
• CONTROLE D'UN TIERS FONDE SUR LA CONTAMINATION DANS UN RESEAU DE COMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POHJA, Leena [FI/FI]; Nelivaljakonkuja 10, FIN-04300 Tuusula (FI). LUMME, Martti [FI/FI]; Malkapolku 4 A, FIN-00630 Helsinki (FI).
- (74) UNGERER, Olaf; Eisenführ, Speiser & Partner, Arnulfstrasse 25, 80335 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04M 3/42, H04Q 7/38
(11) WO 03/088635 (13) A1
(21) PCT/FI03/00271
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(30) 20020728 15 Apr/avr 2002 FI (15.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • PERSONALIZATION OF TELECOMMUNICATIONS SERVICES
• PERSONNALISATION DE SERVICES DE TELECOMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIEMI, Kari, J. [FI/FI]; Opiskelijankatu 24 A 2, FIN-33720 Tampere (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
-
- (51)⁷ H04M 9/00, H04N 7/18
(11) WO 03/088636 (13) A1
(21) PCT/JP02/03653
(22) 12 Apr/avr 2002 (12.04.2002)
(25) ja (26) ja
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VIDEO DOORPHONE
• PORTIER VIDEO
- (71) AIPHONE CO., LTD. [JP/JP]; 2-18, Jinnocho, Atsuta-ku, Nagoya-shi, Aichi 456-0068 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Tsuyoshi [JP/JP]; c/o Aiphone Co., Ltd., 2-18, Jinnocho, Atsuta-ku, Nagoya-shi, Aichi 456-0068 (JP).
- (74) MORIYA, Kazuo; Moriya and Company, Lots Wako Bldg., 1-13, Nihonbashi-Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H04M 9/08
(11) WO 03/088637 (13) A1
(21) PCT/EP03/02368
(22) 7 Mar/mar 2003 (07.03.2003)
(25) de (26) de
(30) 102 17 778.3 18 Apr/avr 2002 DE (18.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • COMMUNICATIONS DEVICE FOR TRANSMITTING ACOUSTIC SIGNALS IN A MOTOR VEHICLE
• DISPOSITIF DE COMMUNICATION DESTINE A LA TRANSMISSION DE SIGNAUX ACOUSTIQUES DANS UN VEHICULE
- (71) VOLKSWAGEN AG [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHULTZ, Jürgen [DE/DE]; Auf der Günne 49, 38165 Lehre (DE). SCHÖNING, Volkmar [DE/DE]; Im Jagdrevier, 30900 Wedemark (DE). BÖHM, Tobias [DE/DE]; Auefeld 9, 38464 Gross Twülpstedt (DE). MATULOVIC, Stefan [DE/DE]; Triftstücke 29, 38471 Rühren (DE).
- (74) EFFERT, BRESSEL UND KOLLEGEN; Radickestrasse 48, 12489 Berlin (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04M 15/00
(11) WO 03/088638 (13) A1
(21) PCT/US03/11187
(22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 10/122,052 12 Apr/avr 2002 US (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MULTIPLE SERVICE PROVIDER PREPAID WIRELESS SERVICE CARD
• CARTE DE SERVICES SANS FIL PREPAYES POUR FOURNISSEURS DE SERVICES MULTIPLES
- (71) DATAWAVE SYSTEMS, INC. [CA/CA]; 101 West 5th Avenue, Vancouver, BC V5Y 4A5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNOX, David [US/US]; 1728 Edwards Drive, Unit 19, Point Roberts, WA 98281 (US).
- (74) GIBBONS, Jon, A.; Fleit, Kain, Gibbons, Gutman & Bongini P.L., One Boca Commerce Center, Suite 111, 551 Northwest 77th Street, Boca Raton, FL 33487 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

(51)⁷ H04N

(11) WO 03/088639 (13) A2

(21) PCT/DK03/00242

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) PA 2002 00535 10 Apr/avr 2002 DK
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • CROSS-COIL INSTRUMENT WITH A
PREDEFINED CHARACTERISTIC
• LOGOMETRE A CARACTERISTIQUE
PREDEFINIE

(71) DEIF A/S [DK/DK]; Frisenborgvej 33,
DK-7800 Skive (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOHANNESSEN, Finn [DK/DK];
Bjarkesvej 17, DK-7800 Skive (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK 8000
Århus C (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) DE DK (Utility model /
modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04N

(11) WO 03/088640 (13) A2

(21) PCT/US03/10038

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/370,993 9 Apr/avr 2002 US
(09.04.2002)

(30) 10/142,756 9 May/mai 2002 US
(09.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A SYSTEM AND METHOD FOR CO-
ORDINATING INTERACTIVE TELEVI-
SION PROGRAMS

- SYSTEME ET PROCEDE POUR LA CO-
ORDINATION DE PROGRAMMES DE
TELEVISION INTERACTIVE

(71) GOLDPOCKET INTERACTIVE, INC.
[US/US]; 12910 Culver Blvd., Suite B, Los
Angeles, CA 90066 (US).

(72) NEWNAM, Scott; 4010 Highland, Apt.
E, Manhattan Beach, CA 90266 (US).
FRAANJE, Izet; 2021 Ocean Avenue, Apt.
216, Santa Monica, CA 90405 (US). NEU-
MANN, Douglas, T.; 11960 Iowa Avenue,
Los Angeles, CA (US).

(74) DIENER, Michael, A. et al. / etc.; Hale and
Dorr LLP, 60 State Street, Boston, MA 02109
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04N

(11) WO 03/088641 (13) A2

(21) PCT/US03/10858

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 10/119,999 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • 2:2 AND 3:2 PULL-DOWN DETECTION
TECHNIQUES

- TECHNIQUES DE DETECTION DE
PULLDOWN 2:2 ET 3:2

(71) ZORAN CORPORATION [US/US]; 3112
Scott Blvd., Santa Clara, CA 95054 (US).

(72) CHOW, Wing-Chi; 140 Duplex Avenue,
Toronto, Ontario, Yukon Territory M5P 2A7
(CA).

(74) PARSONS, Gerald, P.; Parsons Hsue & de
Runtz LLP, 655 Montgomery Street, Suite
1800, San Francisco, CA 94111 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ H04N 1/60

(11) WO 03/088642 (13) A1

(21) PCT/DE03/01136

(22) 7 Apr/avr 2003 (07.04.2003)

(25) de (26) de

(30) 102 16 669.2 15 Apr/avr 2002 DE
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PRINTING DEVICE AND METHOD
FOR OPERATING A PRINTING DE-
VICE

- DISPOSITIF D'IMPRESSION ET PRO-
CEDE POUR FAIRE FONCTIONNER
UN DISPOSITIF D'IMPRESSION

(71) BEST GMBH [DE/DE]; Mevisenstrasse
65, 47803 Krefeld (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHUPPAN, Holger [DE/DE]; Wiss-
mannstrasse 7A, 46242 Bottrop (DE).

(74) HARTMUT, Frank; Viering, Jentschura &
Partner, Centroallee 263, 46047 Oberhausen
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ
VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04N 3/08

(11) WO 03/088643 (13) A2

(21) PCT/US03/06503

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(30) 10/118,861 9 Apr/avr 2002 US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTRONICALLY SCANNED BEAM
DISPLAY

- AFFICHEUR A FAISCEAU A BA-
LAYAGE ELECTRONIQUE

(63) US 10/118,861 (CON)
9 Apr/avr 2002 (09.04.2002)

(71) MICROVISION, INC. [US/US]; 19910
North Creek Parkway N., P.O. Box 3008,
Bothell, WA 98011 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRIGHT, Gregory, Scott [US/US];
10436 NE 112th St, Kirkland, WA 98033
(US). STRAKA, Scott, W. [US/US]; 13012
NE 121 st Lane, Apt 301, Kirkland, WA
98034 (US). BLACK, Philip, C. [US/US];
16 Raymond Street, Woodbridge, CT 06525
(US). MOORE, James, G. [US/US]; 234
Durham Road, Guilford, CT 06437 (US).
LEWIS, John, R. [US/US]; 16552 Southeast
19th St, Bellevue, WA 98008 (US). UREY,
Hakan [TR/US]; 18574 N.E. 57th Street,
Redmond, WA 98052 (US). TEGREENE,
Clarence, T. [US/US]; 6622 - 214th Court
NE, Redmond, WA 98053 (US).

(74) SANTARELLI, Bryan, A.; Graybeal Jack-
son Haley LLP, 155-108th Avenue NE, Suite
350, Bellevue, WA 98004 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H04N 3/32
- (11) WO 03/088644 (13) A1
- (21) PCT/JP03/04724
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) ja (26) ja
- (30) 2002-114563 17 Apr/avr 2002 JP
(17.04.2002)
- (30) 2003-26738 4 Feb/fév 2003 JP
(04.02.2003)
- (30) 2003-105948 10 Apr/avr 2003 JP
(10.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VIDEO DISPLAY APPARATUS
• APPAREIL D’AFFICHAGE VIDEO
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) YAMATE, Kazunori [JP/JP]; 10-304,
Higashichujyo-cho, Ibaraki-shi, Osaka
567-0885 (JP).
- (74) FUKUSHIMA, Yoshito; 6th Floor, Esaka
Mitaka Bldg., 4-1, Hiroshiba-cho, Suita-shi,
Osaka 564-0052 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB).
-
- (51)⁷ H04N 5/00, 7/24, 7/173
- (11) WO 03/088645 (13) A1
- (21) PCT/IB03/01016
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 02076490.8 12 Apr/avr 2002 EP
(12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DOWNLOADING OF PROGRAMS
INTO BROADCAST-RECEIVERS
• TELECHARGEMENT DE PRO-
GRAMMES DANS DES RECEPTEURS
DE RADIODIFFUSION
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) WEI, Yumin [CN/NL]; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).
- (74) GRAVENDEEL, Cornelis; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H04N 5/00, 7/24, 5/44
- (11) WO 03/088646 (13) A2
- (21) PCT/US03/08525
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/370,801 8 Apr/avr 2002 US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS AND METHOD FOR
DATA CACHING TO REDUCE CHAN-
NEL CHANGE TIMES
• APPAREIL ET PROCÉDE D’UTILI-
SATION D’ANTEMEMOIRE POUR
REDUIRE LES DELAIS DE CHANGE-
MENT DE CANAL
- (71) THOMSON LICENSING S.A. [FR/FR];
46, Quai Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KRAKORA, Robert, Vincent [US/US];
14904 Horseshoe Drive, Carmel, IN 46033
(US). SCHNEIDEWEND, Daniel, Richard
[US/US]; 11221 Tall Trees Drive, Fishers,
IN 46938 (US). JONES, Thomas, Herbert
[UG/UG]; 442 Woodhollow Court, Westfield,
IN 46074 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thom-
son Licensing, Inc., Two Independence Way,
Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H04N 5/14
- (11) WO 03/088647 (13) A1
- (21) PCT/IB03/01149
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/124,011 17 Apr/avr 2002 US
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • A METHOD AND AN APPARATUS TO
SPEED THE VIDEO SYSTEM OPTI-
MIZATION USING GENETIC ALGO-
RITHMS AND MEMORY STORAGE
• PROCÉDE ET APPAREIL PERMET-
TANT D’ACCELERER L’OPTIMI-
SATION DU SYSTÈME VIDEO AU
MOYEN D’ALGORITHMES GENE-
TIQUES ET DE STOCKAGE EN ME-
MOIRE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
- (72) ALI, Walid; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; In-
ternationaal Octrooibureau B.V., Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Declaration / Déclaration :
(t) for the following designation / pour la
désignation suivante : CN
-
- (51)⁷ H04N 5/14, 5/217, G06T 7/20
- (11) WO 03/088648 (13) A1
- (21) PCT/JP03/04580
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) ja (26) ja
- (30) 2002-114561 17 Apr/avr 2002 JP
(17.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MOTION DETECTOR, IMAGE PRO-
CESSING SYSTEM, MOTION DE-
TECTING METHOD, PROGRAM, AND
RECORDING MEDIUM
• DETECTEUR DE MOUVEMENT, SYS-
TÈME DE TRAITEMENT D’IMAGE,
PROCÉDE DE DETECTION DE MOU-
VEMENT, PROGRAMME, SUPPORT
D’ENREGISTREMENT
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TAGAMI, Tomohisa [JP/JP]; 4-9-13,
Takawashi, Habikino-shi, Osaka 583-0882
(JP). SEKI, Yoshio [JP/JP]; 6-5-6, Mandai,
Sumiyoshi-ku, Osaka-shi, Osaka 558-0055
(JP).
- (74) MATSUDA, Masamichi; Shin-Osaka
Ikushima Bldg., 1-3, Miyahara 5-chome,
Yodogawa-ku, Osaka-shi, Osaka 532-0003
(JP).
- (81) CA CN JP KR MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/217

(11) WO 03/088649 (13) A1

(21) PCT/EP03/03660

(22) 9 Apr/avr 2003 (09.04.2003)

(25) de (26) de

(30) 102 16 806.7 16 Apr/avr 2002 DE (16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND DEVICE FOR FPN CORRECTION OF IMAGE SIGNAL VALUES OF AN IMAGE SENSOR

• PROCEDE ET DISPOSITIF POUR CORRIGER UN MOTIF DE BRUIT FIXE (FPN) DANS LES VALEURS DE SIGNAUX VIDEO D'UN CAPTEUR D'IMAGE

(71) INSTITUT FÜR MIKROELEKTRONIK STUTTGART [DE/DE]; Allmandring 30a, 70569 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFFLINGER, Bernd [DE/DE]; Kalkofenstrasse 19, 71063 Sindelfingen (DE). STROBEL, Markus [DE/DE]; Hucklebeinweg 4, 70563 Stuttgart (DE).

(74) DUHME, T. et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/225, 5/232, 5/272, 5/91 // 101:00

(11) WO 03/088650 (13) A1

(21) PCT/JP03/04948

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-114585 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIGITAL CAMERA

• CAMERA NUMERIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRAKAWA, Masanobu [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). TSUJI, Shuji [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) HATTORI, Masaki et al. / etc.; HATTORI & ASSOCIATES, Eighth Floor, Arex BLDG, 4-12, Marunouchi 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/232, 5/225, 5/272, 9/04 // 101:00

(11) WO 03/088651 (13) A1

(21) PCT/JP03/04947

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ja (26) ja

(30) 2002-114597 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DIGITAL CAMERA

• CAMERA NUMERIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRAKAWA, Masanobu [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). TSUJI, Shuji [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) HATTORI, Masaki et al. / etc.; HATTORI & ASSOCIATES, Eighth Floor, Arex BLDG, 4-12, Marunouchi 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/262, 7/01

(11) WO 03/088652 (13) A1

(21) PCT/US03/10552

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/119,993 9 Apr/avr 2002 US (09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • END-USER-NAVIGABLE SET OF ZOOMED-IN IMAGES DERIVED FROM A HIGH-RESOLUTION MASTER IMAGE

• ENSEMBLE D'IMAGES ZOOMEES POUVANT ETRE EXPLOREES PAR UN UTILISATEUR FINAL DERIVEES A PARTIR D'UNE IMAGE MAITRESSE HAUTE RESOLUTION

(71) SONIC SOLUTIONS [US/US]; 101 Rowland Way, Navato, CA 94945 (US).

(72) ROTH, James, M.; 1147 Santolina Drive, Novato, CA 94945 (US). OETZEL, Kenneth, G.; 4 Somerset Place, Novato, CA 94945 (US).

(74) CLEVELAND, Michael, G. et al. / etc.; Parsons Hsue & de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 5/335 // 3/00, G09G 3/20

(11) WO 03/088653 (13) A1

(21) PCT/SE03/00566

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0201082-5 10 Apr/avr 2002 SE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGING DEVICE AND TIMING GENERATOR

• DISPOSITIF D'IMAGERIE ET GENERATEUR DE SYNCHRONISATION

(71) AXIS AB [SE/SE]; Emdalavägen 14, S-223 69 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAHLGREN, Gunnar [SE/SE]; Birka-gatan 10 C, S-416 56 Göteborg (SE). KANNERMARK, Per [SE/SE]; Ö. Promenaden 21, S-211 28 Malmö (SE). LUNDBERG, Stefan [SE/SE]; Astrakanvägen 4, S-224 56 Lund (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04N 5/44

(11) WO 03/088654 (13) A2

(21) PCT/US03/10050

(22) 2 Apr/avr 2003 (02.04.2003)

- (25) en (26) en
- (30) 60/371,949 **11 Apr/avr 2002** US
(11.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • APPARATUS AND METHODS FOR SWITCHING TO AN INTERACTIVE APPLICATION MODE FROM A TELEVISION PROGRAM MODE
• APPAREIL ET PROCÉDE DE COMMUNICATION ENTRE UN MODE D'APPLICATION INTERACTIVE ET UN MODE DE PROGRAMMATION DE TELEVISION
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LYNCH, David, Johnston [US/US]; 12562 Glendurgan Drive, Carmel, IN 46032 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON Licensing Inc., Two Independence Way, Suite #2, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/44, 5/445, G06F 3/00, 13/00
- (11) WO 03/088655 (13) A1
- (21) PCT/US03/09880
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (30) 60/370,561 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • HANDHELD DEVICE THAT INTEGRATES PERSONAL INFORMATION MANAGEMENT WITH AUDIO/VIDEO CONTROL
• DISPOSITIF PORTATIF INTEGRANT LA GESTION D'INFORMATION PERSONNELLE ET LA COMMANDE AUDIO/VIDEO
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MA, Yue [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). CHANG, Chieh-Chung [—/US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). WILKES-GIBBS, Deanna [US/US]; 135 Greenmeadow Way, Palo Alto, CA 94306 (US). FISH, Robert, S. [US/US]; 83 Cottage Place, Gillette, NJ 07933 (US). BRAUN,

David Alan, [US/US]; 2 Mabro Dr., Denville, NJ 07834 (US).

- (74) STOBBS, Gregory, A. et al. / etc.; HARNESSE, DICKEY & PIERCE, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04N 5/50, 7/00, 7/10, 7/173, G06F 13/00

(11) WO 03/088656 (13) A1

(21) PCT/US03/09877

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,498 **5 Apr/avr 2002** US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • AUTHORING SYSTEM AND METHOD FOR SUPPLYING TAGGED MEDIA CONTENT TO PORTABLE DEVICES RECEIVING FROM PLURAL DISPARATE SOURCES

- SYSTEME-AUTEUR ET PROCÉDE DE FOURNITURE DE CONTENU DE DONNEES ETIQUETE A DES DISPOSITIFS PORTATIFS CAPABLES DE RECEVOIR DES DONNEES DEPUIS PLUSIEURS SOURCES DISTINCTES

- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KHANDELWAL, Rajesh, Bhagwan-das [US/US]; 1031 Buxton Rd., Bridgewater, NJ 08807 (US). CHANG, Chieh-Chung [—/US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). MA, Yue [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). KAPLAN, Alan [US/US]; 9 Erdman Ave., Princeton, NJ 08540 (US). BRAUN, David, Alan [US/US]; 2 Mabro Dr., Denville, NJ 07834 (US).

- (74) STOBBS, Gregory A., et al. / etc.; HARNESSE, DICKEY & PIERCE, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)⁷ H04N 5/76

(11) WO 03/088657 (13) A1

(21) PCT/JP03/04278

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(30) 2002-111308 **12 Apr/avr 2002** JP
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • PROGRAM SELECTION DEVICE, PROGRAM SELECTION METHOD, AND PROGRAM INFORMATION PROVIDING SYSTEM

- DISPOSITIF DE SELECTION DE PROGRAMME, PROCÉDE DE SELECTION DE PROGRAMME ET SYSTEME DE FOURNITURE D'INFORMATIONS DE PROGRAMME

- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERAOKA, Tomoko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EBI, Yoshinori [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

- (74) YAMAGUCHI, Kunio et al. / etc.; 5th Floor, Hirayama Building, 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) CN KR US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/76

(11) WO 03/088658 (13) A2

(21) PCT/US03/09411

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 60/370,429 **5 Apr/avr 2002** US
(05.04.2002)

(30) 10/351,774 **27 Jan/jan 2003** US
(27.01.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MULTI-PHASE PROCESSING FOR REAL-TIME DISPLAY OF A COMPRESSED VIDEO BITSTREAM

- TRAITEMENT MULTIPHASE POUR L'AFFICHAGE EN TEMPS REEL D'UN TRAIN DE BITS VIDEO COMPRESSE

- (71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-530 (US).

(72) TINKER, Michael; 35 Highland Drive, Yardley, PA 19067 (US).

(74) MENDELSON, Steve; Mendersohn & Associates, P.C., 1515 Market Street, Suite 715, Philadelphia, PA 19102 (US).

(81) CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 5/92

(11) WO 03/088659 (13) A1

(21) PCT/JP03/04736

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002/111720 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RECORDING AND REPRODUCING DEVICE
• DISPOSITIF D'ENREGISTREMENT ET DE REPRODUCTION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WADA, Noriaki [JP/JP]; 5-26-10, Ibukidai Nishimachi, Nishi-ku, Kobe-shi, Hyogo 651-2243 (JP). FUKUSHIMA, Yasushi [JP/JP]; 2-40-10, Kisaichi, Katano-shi, Osaka 576-0033 (JP). TAGUCHI, Katsuyuki [JP/JP]; 2-20-1-1124, Higashi-nakaburi, Hirakata-shi, Osaka 573-0093 (JP).

(74) MATSUDA, Masamichi; Shin-Osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04N 7/01

(11) WO 03/088660 (13) A1

(21) PCT/JP03/04721

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(25) ja (26) ja

(30) 2002-114569 17 Apr/avr 2002 JP (17.04.2002)

(30) 2003-107140 10 Apr/avr 2003 JP (10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE CONVERSION DEVICE AND IMAGE CONVERSION METHOD
• DISPOSITIF CONVERTISSEUR D'IMAGE ET PROCEDE CORRESPONDANT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KASAHARA, Mitsuhiro [JP/JP]; 3-17-3, Nagaonishi-machi, Hirakata-shi, Osaka 573-0162 (JP). DAIGI, Tomoaki [JP/JP]; 14-92-203, Makita-cho, Takatsuki-shi, Osaka 569-0855 (JP). KAWAMURA, Hideaki [JP/JP]; 185-10, Futamachi-cho, Moriyama-shi, Shiga 524-0043 (JP). NAKAHIGASHI, Hideto [JP/JP]; 3-14-10-611, Tsukahara, Takatsuki-shi, Osaka 569-1046 (JP). MORITA, Tomoko [JP/JP]; 1-8-10-603, Deguchi, Hirakata-shi, Osaka 573-0065 (JP).

(74) FUKUSHIMA, Yoshito; 6th Floor, Esaka Mitaka Bldg., 4-1, Hiroshiba-cho, Suita-shi, Osaka 564-0052 (JP).

(81) CN KR US.

(84) EP (DE FR GB RO).

(51)⁷ H04N 7/01

(11) WO 03/088661 (13) A1

(21) PCT/JP03/04725

(22) 14 Apr/avr 2003 (14.04.2003)

(25) ja (26) ja

(30) 2002-114568 17 Apr/avr 2002 JP (17.04.2002)

(30) 2003-107139 10 Apr/avr 2003 JP (10.04.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE CONVERSION DEVICE AND IMAGE CONVERSION METHOD
• DISPOSITIF DE CONVERSION D'IMAGE ET PROCEDE DE CONVERSION D'IMAGE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KASAHARA, Mitsuhiro [JP/JP]; 3-17-3, Nagaonishi-machi, Hirakata-shi, Osaka 573-0162 (JP). DAIGI, Tomoaki [JP/JP]; 14-92-203, Makita-cho, Takatsuki-shi, Osaka 569-0855 (JP). KAWAMURA, Hideaki [JP/JP]; 185-10, Futamachi-cho, Moriyama-shi, Shiga 524-0043 (JP). NAKAHIGASHI, Hideto [JP/JP]; 3-14-10-611, Tsukahara, Takatsuki-shi, Osaka 569-1046 (JP). MORITA, Tomoko [JP/JP]; 1-8-10-603, Deguchi, Hirakata-shi, Osaka 573-0065 (JP).

(74) FUKUSHIMA, Yoshito; 6th Floor, Esaka Mitaka Bldg., 4-1, Hiroshiba-cho, Suita-shi, Osaka 564-0052 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H04N 7/12

(11) WO 03/088662 (13) A1

(21) PCT/US03/11072

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 60/371,695 9 Apr/avr 2002 US (09.04.2002)

(30) 10/409,296 21 Mar/mar 2003 US (21.03.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD FOR DETECTING ERROR IN A DIGITAL IMAGE

• APPAREIL ET PROCEDE PERMETTANT DE DETECTER DES ERREURS DANS UNE IMAGE NUMERIQUE

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) GOVINDASWAMY, Senthil; 9931 Paseo Monril, San Diego, CA 92129 (US). IRVINE, Ann C.; 32088 Taliesin Way, Bonsall, CA 92003 (US). RATZEL, John; 12823 Pimpinel Way, San Diego, CA 92129 (US).

(74) WADSWORTH, Philip R. et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/16, 5/00

(11) WO 03/088663 (13) A1

(21) PCT/EP03/03856

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 102 16 384.7 12 Apr/avr 2002 DE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CONDITIONAL ACCESS NETWORK
• RESEAU A ACCES CONDITIONNEL

(71) SCM MICROSYSTEMS GMBH [DE/DE]; Oskar-Messter-Strasse 13, 85737 Ismaning (DE).
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(72, 75) GENEVOIS, Christophe [FR/FR]; 34, avenue Marx Dormoy, F-83740 La Cadière d'Azur (FR).

(74) DEGWERT, Hartmut; Prinz & Partner GbR, Manzingerweg 7, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/16

(11) WO 03/088664 (13) A1

(21) PCT/IB03/01607

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 60/373,251 17 Apr/avr 2002 US (17.04.2002)

(30) 60/432,895 12 Dec/déc 2002 US (12.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ACCESS ALLOWANCE BASED ON REGIONS
• AUTORISATION D'ACCES FONCTION DE LA REGION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRASINSKI, Raymond, J. [US/US]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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(51)⁷ H04N 7/16, G06F 17/30

(11) WO 03/088665 (13) A1

(21) PCT/JP03/03450

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-110259 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-178169 19 Jun/juin 2002 JP (19.06.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • META DATA EDITION DEVICE, META DATA REPRODUCTION DEVICE, META DATA DISTRIBUTION DEVICE, META DATA SEARCH DEVICE, META

DATA REPRODUCTION CONDITION SETTING DEVICE, AND META DATA DISTRIBUTION METHOD

• DISPOSITIF D'EDITION DE METADONNEES, DISPOSITIF DE REPRODUCTION DE METADONNEES, DISPOSITIF DE DISTRIBUTION DE METADONNEES, DISPOSITIF DE RECHERCHE DE METADONNEES, DISPOSITIF D'ETABLISSEMENT DE CONDITIONS DE REPRODUCTION DE METADONNEES, ET PROCEDE DE DISTRIBUTION DE METADONNEES

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORIYA, Yoshimi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NISHIKAWA, Hirofumi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SEKIGUCHI, Shunichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ASAI, Kohtaro [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMADA, Yoshihisa [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). OTOI, Kenji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KURODA, Shinichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). OGAWA, Fuminobu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173, 7/14

(11) WO 03/088666 (13) A1

(21) PCT/GB03/01539

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0208073.7 8 Apr/avr 2002 GB (08.04.2002)

(30) 0224331.9 18 Oct/oct 2002 GB (18.10.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD OF SHARING VIEWER REACTIONS

• SYSTEME ET PROCEDE DE PARTAGE DE REACTIONS DE TELESPECTATEURS

(71) SLEEPYDOG LIMITED [GB/GB]; Cunard Building, Water Street, Liverpool L3 1DS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOORES, Toby [GB/GB]; 35K Western Boulevard, Leicester LE2 7HN (GB). ALLEN, Joanne, Elizabeth [GB/GB]; 26 Kirby Lane, Kirby Muxloe, Leicester LE3 3JG (GB). HILTON, Mark, Anthony [GB/GB]; 12 Ashleigh Road, Leicester LE3 0FA (GB). JONES, Stewart, Burnett [GB/GB]; Lyndene, 37, Trafford Road, Alderley Edge, Cheshire SK9 7HL (GB). LAST, Benjamin, James [GB/GB]; No. 5, King Edward Close, Kingsmead, Northwich, Cheshire (GB).

(74) AHMAD, Sheikh, Shakeel et al. / etc.; David Keltie Associates, Fleet Place House, 2 Fleet Place, London EC4M 7ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173, 7/22, 7/10

(11) WO 03/088667 (13) A1

(21) PCT/IB03/01210

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 02076455.1 12 Apr/avr 2002 EP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TRANSMISSION METHOD AND SYSTEM HAVING MAPPED UNICAST FREQUENCY BAND

• PROCEDE DE TRANSMISSION ET SYSTEME DOTE D'UNE BANDE DE FREQUENCE A DIFFUSION UNIQUE MAPPEE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE JONG, Hans [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KUIJPERS, Henricus, J., C. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SLENDERS, Petrus, J., W.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 7/173, 5/91, 5/76
- (11) WO 03/088668 (13) A1
- (21) PCT/JP03/04520
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) ja (26) ja
- (30) 2002-110260 12 Apr/avr 2002 JP (12.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • VIDEO CONTENT TRANSMISSION DEVICE AND METHOD, VIDEO CONTENT STORAGE DEVICE, VIDEO CONTENT REPRODUCTION DEVICE AND METHOD, META DATA GENERATION DEVICE, AND VIDEO CONTENT MANAGEMENT METHOD
- DISPOSITIF ET PROCEDE DE TRANSMISSION DE CONTENU VIDEO, DISPOSITIF DE STOCKAGE DE CONTENU VIDEO, DISPOSITIF ET PROCEDE DE REPRODUCTION DE CONTENU VIDEO, DISPOSITIF DE GENERATION DE METADONNEES, ET PROCEDE DE GESTION DE CONTENU VIDEO
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEKIGUCHI, Shunichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NISHIKAWA, Hirofumi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MORIYA, Yoshimi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMADA, Yoshihisa [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). OTOI, Kenji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). OGAWA, Fuminobu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ASAI, Kohtarō [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ H04N 7/173
- (11) WO 03/088669 (13) A1
- (21) PCT/US02/11181
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) en (26) en
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DATA TRANSFER USING TELEVISION VIDEO SIGNAL
- TRANSFERT DE DONNEES UTILISANT DES SIGNAUX VIDEO DE TELEVISION
- (71, 72) SHAU, Jeng-Jye [US/US]; 991 Amarillo Avenue, Palo Alto, CA 94303 (US).
- (74) LIN, Bo-In; 13445 Mandoli Drive, Los Altos Hills, CA 94022 (US).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H04N 7/173
- (11) WO 03/088670 (13) A1
- (21) PCT/US03/03783
- (22) 7 Feb/fév 2003 (07.02.2003)
- (25) en (26) en
- (30) 60/370,889 8 Apr/avr 2002 US (08.04.2002)
- (30) 10/198,719 18 Jul/juil 2002 US (18.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CONNECTING MULTIPLE MONITORS TO A COMPUTER USING A SINGLE CABLE
- CONNEXION DE PLUSIEURS MONITEURS A UN ORDINATEUR VIA UN CABLE UNIQUE
- (71) CLEARCUBE TECHNOLOGY, INC. [US/US]; 8834 Capitol of Texas Highway, Austin, TX 78759 (US).
- (72) THORNTON, Barry; 5705 Land's End, Austin, TX 78734 (US).
- (74) HOOD, Jeffrey, C. et al. / etc.; Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 7/173
- (11) WO 03/088671 (13) A1
- (21) PCT/US03/09882
- (22) 31 Mar/mar 2003 (31.03.2003)

- (25) en (26) en
- (30) 60/370,446 5 Apr/avr 2002 US (05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • ASYNCHRONOUS INTEGRATION OF PORTABLE HANDHELD DEVICE
- INTEGRATION ASYNCHRONE DE DISPOSITIF PORTATIF
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MA, Yue [US/US]; 6 Tiffany Ct., West Windsor, NJ 08550 (US). CHANG, Chieh-Chung [—/US]; 1702 Pheasant Run, Monmouth Jct., NJ 08852 (US). KHANDELWAL, Rajesh, Bhagwandas [US/US]; 1031 Buxton Rd., Bridgewater, NJ 08807 (US).
- (74) STOBBS, Gregory, A. et al. / etc.; HARNESSE, DICKEY & PIERCE, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 7/18, 5/225, 5/232
- (11) WO 03/088672 (13) A1
- (21) PCT/JP02/03840
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • MONITOR SYSTEM
- SYSTEME DE SURVEILLANCE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURAKAMI, Yoshishige [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) HATTORI, Kiyoshi; Hattori Patent Office, GE EDISON Bldg. Hachioji, 9-8, Azumacho, Hachioji-shi, Tokyo 192-0082 (JP).
- (81) JP US.

(51)⁷ H04N 7/24

(11) WO 03/088673 (13) A1

(21) PCT/IB03/01313

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 02076521.0 18 Apr/avr 2002 EP
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TESTING CONTENT IN A CONDI-
TIONAL ACCESS SYSTEM• ESSAI DE CONTENU DANS UN SYS-
TEME D'ACCES CONDITIONNEL(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VAN DEN HEUVEL, Sebastiaan, A.,
F., A. [NL/NL]; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). KAMPERMAN,
Franciscus, L., A., J. [NL/NL]; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).(74) GROENENDAAL, Antonius, W., M.; In-
ternationaal Octrooibureau B.V., Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/118,522 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR CRE-
ATING INTERACTIVE CONTENT AT
MULTIPLE POINTS IN THE TELEVI-
SION PRODUCTION PROCESS• SYSTEME ET PROCEDE DE CREA-
TION D'UN CONTENU INTERACTIF
AU NIVEAU DE PLUSIEURS POINTS
DANS UN PROCESSUS DE PRODUC-
TION TELEVISUELLE(71) GOLDPOCKET INTERACTIVE, INC.
[US/US]; 12910 Culver Blvd., Suite B, Los
Angeles, CA 90066 (US).(72) NEWNAM, Scott; 4010 Highland, Apt.
E, Manhattan Beach, CA 90266 (US).
FRAANJE, Izet; 2010 Ocean Avenue, Apt.
216, Santa Monica, CA 90405 (US). NEU-
MANN, Douglas, T.; 11960 Iowa Avenue,Los Angeles, CA (US). GORDER, Jeff; 323
Marine Street #15, Santa Monica, CA 09401
(US). BROWN, Katharine; 3rd Street #306,
Santa Monica, CA 90401 (US).(74) DIENER, Michael, A. et al. / etc.; Hale and
Dorr LLP, 60 State Street, Boston, MA 02109
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04N 7/30

(11) WO 03/088675 (13) A1

(21) PCT/JP03/03794

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-112665 15 Apr/avr 2002 JP
(15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE ENCODING METHOD AND
IMAGE DECODING METHOD• PROCEDE DE CODAGE D'IMAGE ET
PROCEDE DE DECODAGE D'IMAGE(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ABE, Kiyofumi [JP/JP]; 16-1-213,
Miyamae-cho, Kadoma-shi, Osaka
571-0074 (JP). KADONO, Shinya [JP/JP];
7-25-204, Koshienguchi 1-chome, Nishi-
nomiya-shi, Hyogo 663-8113 (JP). KONDO,
Satoshi [JP/JP]; 7-17, Otokoyamashiget,
Yawata-shi, Kyoto 614-8361 (JP). HAGAI,
Makoto [JP/JP]; 22-402, Oedaminami-machi
8-chome, Moriguchi-shi, Osaka 570-0051
(JP).(74) NII, Hiromori; c/o NII Patent Firm,
3rd Floor, Shin-Osaka Suehiro Center
Bldg., 11-26, Nishinakajima 3-chome, Yo-
dogawa-ku, Osaka-shi, Osaka 532-0011 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ H04N 7/32

(11) WO 03/088676 (13) A1

(21) PCT/JP03/04529

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(30) 2002-112860 16 Apr/avr 2002 JP
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • VIDEO DATA CONVERSION DEVICE
AND VIDEO DATA CONVERSION
METHOD• PROCEDE ET DISPOSITIF DE
CONVERSION DE DONNEES VIDEO(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SEKIGUCHI, Shunichi [JP/JP];
c/o MITSUBISHI DENKI KABUSHIKI
KAISHA, 2-3, Marunouchi 2-chome, Chi-
yoda-ku, Tokyo 100-8310 (JP). YAMADA,
Yoshihisa [JP/JP]; c/o MITSUBISHI DENKI
KABUSHIKI KAISHA, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310
(JP). OGAWA, Fuminobu [JP/JP]; c/o
MITSUBISHI DENKI KABUSHIKI
KAISHA, 2-3, Marunouchi 2-chome, Chi-
yoda-ku, Tokyo 100-8310 (JP). ASAI, Ko-
htarō [JP/JP]; c/o MITSUBISHI DENKI
KABUSHIKI KAISHA, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito
Bldg., 7-1, Kasumigaseki 3-Chome, Chi-
yoda-ku, Tokyo 100-0013 (JP).

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(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ H04N 7/32

(11) WO 03/088677 (13) A1

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(26.02.2003)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMAGE ENCODING METHOD AND
IMAGE DECODING METHOD• PROCEDE DE CODAGE D'IMAGE ET
PROCEDE DE DECODAGE D'IMAGE(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KADONO, Shinya [JP/JP]; 7-25-204,
Koshienguchi 1-chome, Nishinomiyashi,
Hyogo 663-8113 (JP). KONDO, Satoshi

- [JP/JP]; 7-17, Otokoyamashiget, Yawata-shi, Kyoto 614-8361 (JP). HAGAI, Makoto [JP/JP]; 8-22-402, Oedaminami-machi, Moriguchi-shi, Osaka 570-0051 (JP). ABE, Kiyofumi [JP/JP]; 16-1-213, Miyamae-cho, Kadoma-shi, Osaka 571-0074 (JP).
- (74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suchiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(21) PCT/JP03/04539
(22) 10 Apr/avr 2003 (10.04.2003)
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(30) 2003-92490 28 Mar/mar 2003 JP (28.03.2003)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • IMAGE ENCODING METHOD AND IMAGE DECODING METHOD
• PROCÉDES DE CODAGE ET DE DECODAGE D'IMAGE
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KADONO, Shinya [JP/JP]; Room 204, 7-25, Koushienguchi 1-chome, Nishinomiya-shi, Hyogo 663-8113 (JP). KONDO, Satoshi [JP/JP]; 7-17, Otokoyamashiget, Yawata-shi, Kyoto 614-8361 (JP). HAGAI, Makoto [JP/JP]; 22-402, Oeda-minamimachi 8-chome, Moriguchi-shi, Osaka 570-0051 (JP). ABE, Kiyofumi [JP/JP]; 16-1-213, Miyamae-cho, Kadoma-shi, Osaka 571-0074 (JP).
(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suchiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(22) 18 Apr/avr 2003 (18.04.2003)
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(30) 2002-340042 22 Nov/nov 2002 JP (22.11.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • MOVING PICTURE CODING/DECODING METHOD AND DEVICE
• PROCÉDE ET DISPOSITIF DE CODAGE/DECODAGE D'UNE IMAGE MOBILE
(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CHUJOH, Takeshi [JP/JP]; 2-23-13, Hatsudai, Shibuya-ku, Tokyo 151-0061 (JP). KOTO, Shinichiro [JP/JP]; 584-1-201, Hirohakamamachi, Machida-shi, Tokyo 195-0052 (JP). KIKUCHI, Yoshihiro [JP/JP]; 604, Kureare-Toshiba-Yoshinocho, 1-10-1, Takasagocho, Minami-ku, Yokohama-shi, Kanagawa 232-0025 (JP).
(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(81) AU BR CA CN KR MX NO SG US VN.
(84) EP (AT BE CH DE ES FI FR GB IT NL SE).
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(21) PCT/GB03/01611
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(30) 0208472.1 12 Apr/avr 2002 GB (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • IMAGE OR VIDEO PROCESSING
• TRAITEMENT D'IMAGES OU DE VIDÉO
(71) SENDO INTERNATIONAL LIMITED [CN/CN]; 1601-3 Kinwick Center, 32 Hollywood Road, Central, 068645 Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) AUSTIN, Philip, David [GB/GB]; Flat 4, 109 Sandford Road, Birmingham, West Midlands B13 9BU (GB). BOIREAU, Olivier [FR/GB]; 19 Oxford Drive, Birmingham, West Midlands B27 6SH (GB).
- (74) WRAY, Antony, John; Optimus, Grove House, Lutyens Close, Chineham Court, Basingstoke, Hampshire RG24 8AG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US
-
- (51)⁷ H04N 11/04, 7/30
(11) WO 03/088681 (13) A1
(21) PCT/IB03/01371
(22) 3 Apr/avr 2003 (03.04.2003)
(25) en (26) en
(30) 02290934.5 12 Apr/avr 2002 EP (12.04.2002)
(43) 23 Oct/oct 2003 (23.10.2003)
(54) • CODING AND DECODING METHOD AND DEVICE
• PROCÉDE ET DISPOSITIF DE CODAGE ET DE DECODAGE
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MARQUANT, Gwenaëlle [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). JUNG, Joël [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR).
(74) LANDOUSY, Christian; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 2,380,105 **9 Apr/avr 2002** CA
(09.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • STEREOSCOPIC VIDEO SEQUENCES CODING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CODAGE DE SEQUENCES VIDEO STEREOSCOPIQUES
- (71) TEG SENSORIAL TECHNOLOGIES INC. [CA/CA]; 1751 Richardson, Suite 5.113, Montreal, Quebec H3K 1G6 (CA).
- (72) ROUTHIER, Nicholas; 782 De Namur, St-Lambert, Quebec J4S 1Z4 (CA). THIBEAULT, Claude; 801 Perrier, Brossard, Quebec J4W 1W6 (CA). BELZILE, Jean; 850 44e Avenue, Lachine, Quebec H8T 2L1 (CA). MALOUIN, Daniel; 857 Préfontaine, Longueuil, Quebec J4K 3W2 (CA). CARPENTIER, Pierre-Paul; 1060 Grand-Rang, St-Tite, Quebec G0X 3H0 (CA). DALLAIRE, Martin; 151 Champlain, Candiac, Quebec J5R 3T3 (CA).
- (74) ROBIC; 55 St-Jacques, Montréal, Quebec H2Y 3X2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 17/00
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- (21) PCT/US03/10378
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10/116,112 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD AND APPARATUS FOR REAL TIME TESTING OF DTV ANTENNA TRANSMITTING SYSTEMS IN TIME DOMAIN UNDER FULL POWER
• PROCEDE ET APPAREIL POUR TESTER EN TEMPS REEL DES SYSTEMES DE TRANSMISSION D'ANTENNE DE TELEVISION NUMERIQUE DANS LE DOMAINE TEMPS A LA PUISSANCE MAXIMALE
- (71) SPX CORPORATION [US/US]; 13515 Ballantyne, Corporate Place, Charlotte, NC 28277 (US).
- (71, 72) SKALINA, Andre, J. [US/US]; 126 Roaring Brook Road, Portland, ME 04103 (US).
- (74) SHEEHAN, Kenneth, J. et al. / etc.; Baker & Hostetler, LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).

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- (51)⁷ H04Q
- (11) WO 03/088684 (13) A2
- (21) PCT/US03/10361
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) en (26) en
- (30) 10/120,569 **10 Apr/avr 2002** US
(10.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • DEVICE AND METHOD FOR CDMA-SIGNAL POWER ESTIMATION
• DISPOSITIF ET PROCEDE D'ESTIMATION DE PUISSANCE D'UN SIGNAL CDMA
- (71) NOKIA CORPORATION [FI/FI]; Patent Department, KEILALAHDENTIE 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIMINI, Roberto [IT/US]; 7951 Camino Tranquilo, San Diego, CA 92122 (US). CARBONE, Nick [US/US]; 12960 Percy Court, San Diego, CA 92130 (US).
- (74) PATEL, Milan; % Patent Department, 6000 Connection Dr., Irving, TX 75039 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ H04Q 3/00, 11/04
- (11) WO 03/088685 (13) A1
- (21) PCT/DE03/01074
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) de (26) de
- (30) 102 15 974.2 **11 Apr/avr 2002** DE
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- (30) 102 16 282.4 **12 Apr/avr 2002** DE
(12.04.2002)
- (30) 102 32 943.5 **19 Jul/juil 2002** DE
(19.07.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • CALL HOLD / TERMINAL PORTABILITY IN H.323/ISUP-BICC-SIP NETWORKS
• MISE EN ATTENTE/PORTABILITE DE TERMINAL DANS DES RESEAUX H.323/ISUP-BICC-SIP
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOFFMANN, Klaus [DE/DE]; Peschelanger 8, 81735 München (DE). LÜKEN, Joachim [DE/DE]; Stroblstrasse 13, 80686 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H04Q 7/00 // 7/56
- (11) WO 03/088686 (13) A1
- (21) PCT/SE03/00611
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) en (26) en
- (30) 60/373,631 **17 Apr/avr 2002** US
(17.04.2002)
- (30) 10/404,799 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 23 Oct/oct 2003 (23.10.2003)
- (54) • METHOD OF MULTI-SERVICE ALLOCATION IN MULTI-ACCESS SYSTEMS
• PROCEDE D'ATTRIBUTION DE SERVICES MULTIPLES DANS UN SYSTEME A ACCES MULTIPLES
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
- (72) FURUSKÄR, Anders; Ångströmsgatan 5, S-112 69 Stockholm (SE). ALMGREN, Magnus; Viktoriavägen 1, S-191 43 Solentuna (SE). MAGNUSSON, Sverker; Jaktvarvsplan 3, S-112 36 Stockholm (SE). SIMONSSON, Arne; Sandåkersvägen 25, S-954 33 Gammelstad (SE). MAGNUSSON, Per; Skomakargatan 6, S-582 36 Linköping (SE).
- (74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 7/00
- (11) WO 03/088687 (13) A1
- (21) PCT/US03/10626
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (30) 60/370,996 **8 Apr/avr 2002** US
(08.04.2002)
- (43) 23 Oct/oct 2003 (23.10.2003)

- (54) • DETERMINING THE STATE OF A STATION IN A LOCAL AREA

• DETERMINATION DE L'ETAT D'UNE STATION DANS UN RESEAU LOCAL

- (71) AIRMAGNET, INC. [US/US]; 894 Ross Drive, Suite 200, Sunnyvale, CA 94089 (US). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) KUAN, Chia-Chee [US/US]; 890 Lockhaven, Los Altos, CA 94024 (US). WU, Miles [US/US]; 231 Clara Court, Fremont, CA 94539 (US). AU, Dean [US/US]; 707 Koa Court, Sunnyvale, CA 94086 (US).

- (74) YIM, Peter, J. et al. / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20, H04L 12/56, H04Q 7/38

(11) WO 03/088688 (13) A1

(21) PCT/SE03/00583

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 0201108-8 12 Apr/avr 2002 SE (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD AND SYSTEM RELATING TO CONTROL OF MOBILE RADIO MESSAGING COMMUNICATIONS

• PROCEDE ET SYSTEME CONCERNANT LE CONTROLE DE COMMUNICATIONS DE RADIOMESSAGERIE MOBILES

- (71) MOBILE ARTS AB [SE/SE]; Tjärhovsgatan 56, S-116 28 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ERLANDSON, Jan, Fredrik, Erland [SE/SE]; Trälgränd 6, 7tr, S-116 68 Stockholm (SE). MARTLEW, Paul, John [GB/GB]; 34 Selwood Rd, Kingfield, Surrey GU22 9HT (GB). OLIN, Per, Anders, Bertil [SE/SE]; Skeppargatan 81, 3 tr, S-115 30 Stockholm (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20, 7/36

(11) WO 03/088689 (13) A1

(21) PCT/US03/09308

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/121,404 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • SIMULTANEOUS NATIONWIDE UPDATE OF DATABASE INFORMATION ON MOBILE COMMUNICATIONS DEVICES

• MISE A JOUR NATIONALE SIMULTANEE DE BASE DE DONNEES D'INFORMATIONS SUR DES DISPOSITIFS MOBILES DE COMMUNICATION

- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LITWIN, Louis, Robert [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US).

- (74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Multimedia Licensing Inc., Suite 2, 2 Independence Way, Princeton, NJ 08540 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22, H04M 3/487

(11) WO 03/088690 (13) A1

(21) PCT/IB03/01476

(22) 18 Apr/avr 2003 (18.04.2003)

(25) it (26) en

(30) PI2002A000025 18 Apr/avr 2002 IT (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • METHOD FOR CHANGING THE CONTENT OF A MESSAGE EXCHANGED BETWEEN TWO TELEPHONES

• PROCEDE POUR MODIFIER LE CONTENU D'UN MESSAGE ECHANGE ENTRE DEUX TELEPHONES

- (71) NORTH EUROPEAN PATENTS AND INVESTMENTS H.S.A. [LU/LU]; 7, rue du Fort Rheinsheim, L-2419 Luxembourg (LU). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) BARACCO, Pietro [IT/IT]; Corso Italia, 15, I-50123 Firenze (IT). BARACCO, Stefano [IT/IT]; Via del Fossato, 19, Loc. Castelnuovo, I-59100 Prato Po (IT).

- (74) CELESTINO, Marco; Viale Giovanni Pisano, 31, I-56123 Pisa (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/22, H04L 12/28

(11) WO 03/088691 (13) A1

(21) PCT/JP03/04796

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-114065 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • HANDOVER CONTROL METHOD

• PROCEDE DE COMMANDE DE TRANSFERT

- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SUDA, Yukinori [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

- (74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22, 7/38, H04L 12/56

(11) WO 03/088692 (13) A1

(21) PCT/US03/09769

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/118,837 **8 Apr/avr 2002** US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR PUSHING DATA IN AN INTERNET PROTOCOL NETWORK ENVIRONMENT

• SYSTEME ET PROCEDE DESTINES A PLACER DES DONNEES DANS UN ENVIRONNEMENT RESEAU A PROTOCOLE INTERNET

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

(72) BHALLA, Rajesh; 700 Megan Court, Westmont, IL 60559 (US). PADALA, Sudhakar, R.; 3140 Promontory Way, San Jose, CA (US).

(74) SHOWALTER, Barton, E.; Baker Botts L.L.P., 2001 Ross Ave, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/24, 7/22

(11) WO 03/088693 (13) A1

(21) PCT/EP02/04112

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • MECHANISM TO SUPPORT HIGH SPEED CIRCUIT SWITCHED DATA SERVICES VIA AN IU INTERFACE

• PROCEDE DE DECLenchement D'ETABLISSEMENT D'UN APPEL DE DONNEES COMMUTEES A CIRCUIT HAUT DEBIT DANS UN SYSTEME CELLULAIRE DE TELECOMMUNICATIONS MOBILES

(71) SIEMENS AKTIENGESellschaft [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURZMANN, Bernd [AT/AT]; Beatrixgasse 4B, A-1030 Wien (AT). VESELY, Alexander [AT/AT]; Nattergasse 1-3, A-1170 Wien (AT).

(74) SIEMENS AKTIENGESellschaft; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/30

(11) WO 03/088694 (13) A1

(21) PCT/CA03/00460

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 60/370,688 **9 Apr/avr 2002** US
(09.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • TANDEM-FREE OPERATION (TFO) CAPABLE COMMUNICATION APPARATUS

• APPAREIL DE COMMUNICATION COMPATIBLE AVEC LE PROTOCOLE DE FONCTIONNEMENT SANS TANDEM (TFO)

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St-Laurent, Quebec H4S 2A9 (CA).

(72) CHU, Chung, Cheung, C.; 9370 Rameau, Brossard, Quebec, J4X 2M3 (CA).

(74) GEORGIEV, Stephan et al. / etc.; Smart & Biggar, Suite 3400, 1000 de la Gauchetière Street West, Montreal, Quebec H3B 4W5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/30, 7/38

(11) WO 03/088695 (13) A1

(21) PCT/KR03/00687

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10-2002-0018819 **6 Apr/avr 2002** KR
(06.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • RADIO LINK PARAMETER UPDATING METHOD IN MOBILE COMMUNICATION SYSTEM

• PROCEDE DE MISE A JOUR DE PARAMETRES DE LIAISON RADIO DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Youngdungpo-Gu, Seoul 150-010 (KR).

(72) LEE, Young-Dae; Sinan Apt. 419-1501, Changwoo-Dong, Hanam, Gyunggi-Do 465-120 (KR). PARK, Jin-Young; Mungungwha Whasung Apt. 124-1802, Geumjung-Dong, Gunpo, Gyunggi-Do 435-050 (KR). KIM, Eun-Jung; Namsum villa 2-102, 942-2, Bangbae 2-Dong, Seocho-Gu, Seoul 137-845 (KR).

(74) PARK, Jang-Won; Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul 135-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/30, H04L 12/28

(11) WO 03/088696 (13) A1

(21) PCT/KR03/00690

(22) 8 Apr/avr 2003 (08.04.2003)

(25) ko (26) en

(30) 10-2002-0019031 **8 Apr/avr 2002** KR
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • LOW-COST NETWORK SYSTEM BETWEEN A BASE STATION CONTROLLER AND A BASE TRANSCIEVER STATION, AND METHOD FOR TRANSMITTING DATA BETWEEN THEM

• SYSTEME DE RESEAU A FAIBLE COUT ENTRE UN CONTROLEUR DE STATION DE BASE ET UNE STATION D'EMETTEUR-RECEPTEUR DE BASE ET PROCEDE POUR TRANSMETTRE DES DONNEES ENTRE EUX

(71) KTFREETEL CO., LTD. [KR/KR]; 890-20 Daechei-dong, Gangnam-gu, Seoul 135-280 (KR).

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(72, 75) LEE, Kyeong-Soo [KR/KR]; 806-1501 Woobang APT., Madu-dong, Ilsan-gu, Gyeonggi-do 411-350 (KR). SON, Hee-Nam [KR/KR]; 107-505 Hanareum APT., Susco-dong, Gangnam-gu, Seoul 135-884 (KR). YU, Hak-Seong [KR/KR]; 401-1904 Doosan APT., Myeongmok-dong, Jungrang-gu, Seoul 131-200 (KR). PARK, Sang-Hoon [KR/KR]; 402-1301 Samboo APT., Satbyeolmaeul, Bundang-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-749 (KR).

(74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/32

(11) WO 03/088697 (13) A1

(21) PCT/DE03/01093

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(30) 102 17 110.6 17 Apr/avr 2002 DE (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND COMMUNICATIONS DEVICE FOR ELECTRONICALLY SIGNING A MESSAGE IN A MOBILE RADIO TELEPHONE

• PROCEDE ET DISPOSITIF DE COMMUNICATION POUR LA SIGNATURE ELECTRONIQUE D'UN MESSAGE DANS UN TELEPHONE RADIO MOBILE

(71) DEUTSCHE TELEKOM AG [DE/DE]; Friedrich-Ebert-Allee 140, 53113 Bonn (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILIPPEIT, Rudolf [DE/DE]; Berliner Str. 5, 91522 Ansbach (DE).

(74) DEUTSCHE TELEKOM AG; Rechtsabteilung (Patente) PA10, 64307 Darmstadt (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04Q 7/32, H04L 12/56

(11) WO 03/088698 (13) A1

(21) PCT/SE03/00570

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 09/124,723 18 Apr/avr 2002 US (18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FIXED CELLULAR TERMINAL WITH PACKET DATA TRANSMISSION OVER ANALOG INTERFACE

• TERMINAL CELLULAIRE FIXE TRANSMETTANT DES DONNEES PAR PAQUETS PAR UNE INTERFACE ANALOGIQUE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) ECHAVARRI, Ana; C/Talayeta 22, 3A, E-48990 Getxo (ES). LAFORGA, Rosa; c/San Vicente 7, no 3E, E-48902 Barakaldo (ES). NUNEZ-GUILOCHE, Ana-Maria; Gregorio revilla 14, no 3D, E-48011 Bilbao (ES).

(74) MONICA MAGNUSSON; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/32, H04L 12/56

(11) WO 03/088699 (13) A1

(21) PCT/US02/26699

(22) 23 Aug/août 2002 (23.08.2002)

(25) en (26) en

(30) 10/119,949 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • SYSTEM AND METHOD FOR WIRELESS DATA TERMINAL MANAGEMENT USING GENERAL PACKET RADIO SERVICE NETWORK

• SYSTEME ET PROCEDE DE GESTION DE TERMINAL DE DONNEES SANS FIL VIA UN RESEAU DE SERVICE RADIO GENERAL A COMMUTATION PAR PAQUETS

(71) MFORMATION TECHNOLOGIES INC. [US/US]; 399 Thornall Street, Edison, NJ 08830 (US).

(72) KUSHWAHA, Rakesh; 6 Osprey Court, Marlboro, NJ 07746 (US). NATH, Badri; 13 Renee Court, Edison, NJ 08820 (US).

(74) PENNINGTON, Edward, A. et al. / etc.; Swidler Berlin Shereff Friedman, LLP, Suite 300, 3000 K Street N.W., Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/088700 (13) A1

(21) PCT/EP02/04214

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISASTER AND EMERGENCY MODE FOR MOBILE RADIO PHONES

• MODE CATASTROPHE OU ACCIDENT POUR TELEPHONES CELLULAIRES

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72, 75) NEUMANN, Peter [DE/DE]; Im Gefilde 87, 81739 München (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38, 7/24

(11) WO 03/088701 (13) A1

(21) PCT/SE03/00564

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0201102-1 10 Apr/avr 2002 SE (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND ARRANGEMENT FOR TRANSFERRING POSITIONING INFORMATION BETWEEN CONTROLLING UNITS IN A MOBILE COMMUNICATION NETWORK

• PROCEDE ET DISPOSITIFS DE TRANSFERT D'INFORMATIONS DE LOCALISATION ENTRE DES UNITES DE COMMANDE DANS UN RESEAU DE COMMUNICATION MOBILE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) VOLTOLINA, Elena [IT/SE]; Helsingörsatan 28, S-164 44 Kista (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04Q 7/38, 11/04

(11) WO 03/088702 (13) A1

(21) PCT/US03/10070

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(30) 60/370,739 5 Apr/avr 2002 US (05.04.2002)

(30) 10/321,308 17 Dec/déc 2002 US (17.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • METHOD AND APPARATUS FOR COORDINATING A RADIO NETWORK CONTROLLER AND NODE B RESOURCE MANAGEMENT DEVICE FOR HIGH SPEED DOWNLINK PACKET DATA SERVICE

• PROCEDE ET APPAREIL POUR COORDONNER UN CONTROLEUR DE RESEAU RADIO ET UN DISPOSITIF DE GESTION DE NOEUD B PAR LIAISON DESCENDANTE HAUTE VITESSE

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) MILLER, James, M.; 18 Louisburg Square, Verona, NJ 07044 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/088703 (13) A1

(21) PCT/US03/11071

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/122,289 11 Apr/avr 2002 US (11.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HANDOFF BETWEEN BASE STATIONS OF DIFFERENT PROTOCOL REVISIONS IN A CDMA SYSTEM

• TRANSFERT ENTRE DES STATIONS DE BASE DE DIFFERENTES VERSIONS DE PROTOCOLE DANS UN SYSTEME ARMC

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) ZHAO, Lijun; 12486 Caminito Brioso, San Diego, CA 92131 (US). WANG, Jun; 13203 Winstanley Way, San Diego, CA 92130 (US).

(74) WADSWORTH, Philip R. et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 9/00

(11) WO 03/088704 (13) A2

(21) PCT/US03/11018

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/122,471 12 Apr/avr 2002 US (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DATA COLLECTION AND METERING SYSTEM

• SYSTEME DE COLLECTE ET DE MESURE DE DONNEES

(71) SCHLUMBERGERSEMA, INC. [US/US]; 100 Milton Park, 30000 Mill Creek Avenue, Suite 100- Patents, Alpharetta, GA 30022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN HETEREN, John, Gerald [CA/US]; 311 Staysail Court, Foster City, CA 94404 (US).

(74) EGAN, William, J. III; Fish & Richardson P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 1/02, 17/00, A61B 8/00

(11) WO 03/088705 (13) A1

(21) PCT/JP03/04740

(22) 15 Apr/avr 2003 (15.04.2003)

(25) ja (26) ja

(30) 2002-115355 17 Apr/avr 2002 JP (17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ULTRASONIC PROBE

• SONDE ULTRASONORE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEGAWA, Shigeyoshi [JP/JP]; 6-2-13, Wakabadai, Shiroyama-cho, Tsukui-gun, Kanagawa 220-0112 (JP). IRIOKA, Kazuyoshi [JP/JP]; 2530-4, Shimomizo, Sagami-hara-shi, Kanagawa 229-0015 (JP). KOIZUMI, Jun [JP/JP]; 1-305, Surihaitsu, 154, Sanmai-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0862 (JP). HIRAYAMA, Michiyo [JP/JP]; 1-2-43-901, Chigasaki, Chigasaki-shi, Kanagawa 253-0041 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04R 1/10

(11) WO 03/088706 (13) A1

(21) PCT/JP03/03098

(22) 14 Mar/mar 2003 (14.03.2003)

(25) ja (26) ja

(30) 2002-111116 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • EAR PAD, AND EARPHONE WITH THE PAD

• OREILLETTE ET ECOUTEUR POURVU DE CETTE OREILLETTE

(71) NAP ENTERPRISE CO., LTD. [JP/JP]; 922-1, Oaza Shimofu, Shingu-cho, Kasuya-gun, Fukuoka 811-0112 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SETO, Shinji [JP/JP]; 922-1, Oaza Shimofu, Shingu-cho, Kasuya-gun, Fukuoka 811-0112 (JP).

(74) IGARASHI, Kazutoshi et al. / etc.; Swan INTERNATIONAL PATENT & TRADE-MARK OFFICE, K.S Bldg., 5, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04R 1/34

(11) WO 03/088707 (13) A1

(21) PCT/EP03/03919

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 102 16 965.9 16 Apr/avr 2002 DE
(16.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • LOUDSPEAKER ASSEMBLY COM-
PRISING LOUDSPEAKERS THAT ARE
ARRANGED ONE ABOVE THE OTHER
ON A PERPENDICULAR AXIS

- ENCEINTE ACOUSTIQUE COMPRE-
NANT DES HAUT-PARLEURS SUPER-
POSES DANS L'AXE VERTICAL

(71) IPG PATENTVERWERTUNGS-
GESELLSCHAFT AG [CH/CH]; Obere
Plessurstrasse 39, CH-7000 Chur (CH).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MECHOW, Rudolf [DE/DE]; Buscher
Strasse 1, 39606 Iden (DE).

(74) SCHAEFER, Konrad; Schaefer & Emmel,
Gehölzweg 20, 22043 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ H04R 7/12

(11) WO 03/088708 (13) A1

(21) PCT/FR03/01221

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(30) 02/04934 17 Apr/avr 2002 FR
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • NUMBER OF INDIVIDUAL RESO-
NANCES FOR ACOUSTICS

- PLURALITE DE RESONANCES
PROPRES POUR L'ACOUSTIQUE

(71) ADVANCED TECHNOLOGY AUDIO
ORGANISATION S.A. (ATAO) [LU/LU];

10, rue de Vianden, L-2680 Luxembourg
(LU).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PICCALUGA, Pierre [FR/FR]; 6,
rue des Escoffiers, F-38080 l'Isle d'Abeau
(FR). LECOCQ, Patrick [FR/FR]; 11, rue
d'Antroeuilles, F-59710 Ennevelin (FR).

(74) POCHART, François et al. / etc.; Cabinet
Hirsch-Pochart, 34, rue de Bassano, F-75008
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04R 19/04 // 25/00, 1/02

(11) WO 03/088709 (13) A1

(21) PCT/DK03/00244

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 60/371,138 10 Apr/avr 2002 US
(10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • MICROPHONE ASSEMBLY WITH
AUXILIARY ANALOG INPUT

- ENSEMBLE MICROPHONE AVEC EN-
TREE ANALOGIQUE AUXILIAIRE

(71) SONION A/S [DK/DK]; Byleddet 12-14,
DK-4000 Roskilde (DK).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DERUGINSKY, Michael [DK/DK];
Batzkes Bakke 13A, DK-3400 Hillerød
(DK). POULSEN, Jens, Kristian [DK/DK];
Plantagevej 20, DK-2640 Hedehusene
(DK). BOSCH, Jozef, Johannes, Ger-
ardus [NL/NL]; Geuzenstraat 71-I, NL-1056
KB Amsterdam (NL).

(74) PLOUGMANN & VINGTOFT a/s; Sund-
krosgade 9, P.O. Box 831, DK-2100 Copen-
hagen Ø (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04R 25/00

(11) WO 03/088710 (13) A1

(21) PCT/DK02/00896

(22) 20 Dec/déc 2002 (20.12.2002)

(25) en (26) en

(30) PA 2002 00574 18 Apr/avr 2002 DK
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • ELECTRIC TO ACOUSTIC TRANS-
DUCER FOR A HEARING AID

- TRANSDUCTEUR ELECTRIQUE-
ACOUSTIQUE POUR APPAREIL AU-
DITIF

(71) OTICON A/S [DK/DK]; Strandvejen 58,
DK-2900 Hellerup (DK).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MEHR, Ulrik [DK/DK]; OTICON A/S,
Strandvejen 58, DK-2900 Hellerup (DK).

(81) AU BR CA CN IL JP RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SI SK
TR).

(51)⁷ H04S

(11) WO 03/088711 (13) A2

(21) PCT/IB03/00953

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 02076496.5 17 Apr/avr 2002 EP
(17.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

- (54) • LOUDSPEAKER POSITIONS SELECT
INFRASTRUCTURE SIGNAL

- SIGNAL D'INFRASTRUCTURE DE SE-
LECTION DE POSITIONS DE HAUT-
PARLEUR

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HESDAHL, Piet, B. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN DEN HOOVEN, Jan; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B**

(11) **WO 03/088712** (13) A2

(21) PCT/EP03/03770

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) de (26) de

(30) 102 16 157.7 **12 Apr/avr 2002 DE (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HEAT EXCHANGER PROVIDED FOR HEATING PURPOSES AND COMPRISING AN ELECTRIC HEATING DEVICE
• DISPOSITIF DE TRANSMISSION DE CHALEUR UTILISE A DES FINS DE CHAUFFAGE ET COMPRENANT UN SYSTEME ELECTRIQUE CHAUFFANT

(71) **BEHR GMBH & CO.** [DE/DE]; Mäuserstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGLERT, Peter** [DE/DE]; Landhausstrasse 5, 74177 Bad Friedrichshall (DE).
KOHL, Michael [DE/DE]; Mühltorstrasse 59, 74348 Lauffen (DE).
TRAUB, Matthias [DE/DE]; Friederica-Kocher-Strasse 32, 70825 Korntal-Münchingen (DE).

(74) **BEHR GMBH & CO.**; Mäuserstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H05B**

(11) **WO 03/088713** (13) A2

(21) PCT/US03/11306

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/120,975 **11 Apr/avr 2002 US (11.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • A PROBE STABILIZED ARC DISCHARGE LAMP
• LAMPE A DECHARGE EN ARC STABILISEE PAR UNE SONDÉ

(71) **PERKINELMER, INC.** [US/US]; 35 Congress Street, Salem, MA 01970 (US).

(72) **MANNING, William, Lawrence**; 37 McDonald Circle, Walpole, MA 02081 (US).

(74) **SHANSKE, Jason, D. et al.** / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/06**

(11) **WO 03/088714** (13) A1

(21) PCT/US03/11115

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/120,509 **12 Apr/avr 2002 US (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • IMPROVED THERMOSTAT ASSEMBLY FOR A HEATER
• ENSEMBLE THERMOSTAT AME-LIORE DE RADIATEUR

(71) **TUTCO, INC.** [US/US]; 500 Gould Drive, Cookeville, TN 38506 (US).

(72) **DANKO, Michael**; 750 Timber Lane, Cookeville, TN 38501 (US).
SHER-RILL, James, Lee; 4350 North Quinland Lake Road, Cookeville, TN 38506 (US).
WALKER, Ike, D.; 3660 Hanging Limb Highway, Monterey, TN 38574 (US).

(74) **BRODY, Christopher, W. et al.** / etc.; Clark & Brody, 1750 K Street, NW, Suite 600, Washington, DC 20006 (US).

(81) AE CA CN DE GB JP KR MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **H05B 3/14**

(11) **WO 03/088715** (13) A2

(21) PCT/DE03/01309

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) de (26) de

(30) 202 06 191.4 **18 Apr/avr 2002 DE (18.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • HEATING DEVICE AND METHOD FOR THE PRODUCTION THEREOF AND HEATABLE OBJECT AND METHOD FOR PRODUCING THE SAME
• DISPOSITIF DE CHAUFFAGE ET SON PROCEDE DE PRODUCTION, ET OBJET CHAUFFABLE ET SON PROCEDE DE PRODUCTION

(71) **BRAINCOM AG** [DE/DE]; Iltisstrasse 54, 81827 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIEMER, Michael** [DE/SE]; Munkgatan 3a, S-55335 Jönköping (SE).
DIEMER, Stephan [DE/DE]; Schulstrasse 9, 67577 Alsheim (DE).

(74) **LINDNER, Manfred, K.**; Göllheimer Strasse 5, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/42, 3/08**

(11) **WO 03/088716** (13) A1

(21) PCT/SE03/00386

(22) **7 Mar/mar 2003 (07.03.2003)**

(25) sv (26) en

(30) 0201041-1 **5 Apr/avr 2002 SE (05.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ELECTRICAL HEATING RESISTANCE ELEMENT
• ELEMENT DE RESISTANCE DE CHAUFFAGE ELECTRIQUE

(71) **SANDVIK AB** [SE/SE]; S-811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Jan** [SE/SE]; Jophanneshajden 4, S-722 18, Vasteras (SE).
ERIKSSON, Emil [SE/SE]; Linnégatan 3B, S-722 15 Västerås (SE).
SAHLSTRÖM, Jörgen [SE/SE]; Barnängsgatan 31C, S-734 35 Hallstahammar (SE).

(74) **ÖRTENBLAD, Bertil et al.** / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 6/14, 6/42**

(11) **WO 03/088717** (13) A1

(21) PCT/US03/11077

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 60/372,496 12 Apr/avr 2002 US
(12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • U-FLOW VENTILATED SEALING HEAD

• TETE DE SCELLAGE VENTILEE A FLUX EN U

(71) ENERCON INDUSTRIES CORPORATION [US/US]; W140 N9572 Fountain Blvd., Menomonee Falls, WI 53051 (US).

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(72, 75) HAMMEN, Richard, R. [US/US]; W163 N8139 Hiawatha Court, Menomonee Falls, WI 53051 (US). MAY, Ronald, F. [US/US]; 21881 West Bonnie Lane, Lannon, WI 53046-9727 (US).

(74) WIETRZNY, Steven, J.; Quarles & Brady, LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/00, H01L 35/24

(11) WO 03/088718 (13) A1

(21) PCT/US02/18682

(22) 14 Jun/juin 2002 (14.06.2002)

(25) en (26) en

(30) 10/117,812 5 Apr/avr 2002 US
(05.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISPLAY DEVICES WITH ORGANIC-METAL MIXED LAYER

• AFFICHEURS A COUCHE MIXTE ORGANICO-METALLIQUE

(71) XEROX CORPORATION [US/US]; P.O. Box 1600, 800 Long Ridge Road, Stamford, CT 06904-1600 (US).

(72) AZIZ, Hany; 2444 Malcolm Crescent, Burlington, Ontario L7P3Y6 (CA). LIEW, Yoon-Fei; Block 241, Bukit Batok East Avenue 5, #06-285, Singapore 650241 (SG). POPOVIC, Zoran D.; 3349 Sawmill Valley Drive, Mississauga, Ontario L5L 2Z8 (CA). HU, Nan-Xing; 159 Fernlea Crescent, Oakville, Ontario L6H 6B4 (CA). PAINE, Anthony J.; 129 Pinewood Trail, Mississauga, Ontario L5G 2L2 (CA).

(74) BERRIDGE, William P.; Oliff & Berridge, 277 S. Washington Street, Suite 500, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H05B 33/08

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(21) PCT/AT03/00105

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(25) de (26) de

(30) A 599/2002 18 Apr/avr 2002 AT
(18.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CIRCUIT ARRANGEMENT FOR SUPPLYING LIGHT-EMITTING DIODES

• ENSEMBLE CIRCUIT DESTINE A L'ALIMENTATION DE DIODES ELECTROLUMINESCENTES

(71, 72) HUTER, Johannes [AT/AT]; Moos 30, A-6091 Götzens (AT).

(74) WEISER, Andreas; Hietzinger Hauptstrasse 4, A-1130 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/08, H01L 25/03, G02F 1/01

(11) WO 03/088720 (13) A1

(21) PCT/US03/10312

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/118,828 8 Apr/avr 2002 US
(08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS FOR PRODUCING A BEAM OF LIGHT HAVING A CONTROLLED LUMINOUS FLUX SPECTRUM

• APPAREIL PERMETTANT DE PRODUIRE UN FAISCEAU DE LUMIERE PRESENTANT UN SPECTRE DE FLUX LUMINEUX CONTROLE

(71, 72) CUNNINGHAM, David, W. [US/US]; 8442 Hollywood Boulevard, Los Angeles, CA 90069 (US).

(74) BRUEGGEMANN, James, R.; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/14, 33/22

(11) WO 03/088721 (13) A1

(21) PCT/JP02/05366

(22) 31 May/mai 2002 (31.05.2002)

(25) ja (26) ja

(30) 2002-111659 15 Apr/avr 2002 JP
(15.04.2002)(30) 2002-138212 14 May/mai 2002 JP
(14.05.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ORGANIC FIELD EMISSION DEVICE AND EMISSION DEVICE

• DISPOSITIF ORGANIQUE A EMISSION DE CHAMP ET DISPOSITIF D'EMISSION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) ISHIBASHI, Tadashi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAMURA, Shinichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). UEDA, Naoyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ICHIMURA, Mari [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMADA, Jiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H05B 41/24

(11) WO 03/088722 (13) A1

(21) PCT/JP02/03654

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • DISCHARGE LAMP LIGHTING DEVICE

• DISPOSITIF D'ECLAIRAGE POUR LAMPE A DECHARGE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MITSUBISHI ELECTRIC LIGHTING CORPORATION [JP/JP]; 14-40, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(72) TAKAHASHI, Osamu; c/o MITSUBISHI ELECTRIC LIGHTING CORPORATION, 14-40, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(74) KOBAYASHI, Hisao et al. / etc.; KIMURA, SASAKI & PARTNERS, 6th Floor, The 6th Central Bldg., 19-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR.

(51)⁷ H05H 3/04

(11) WO 03/088723 (13) A1

(21) PCT/US03/10936

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/120,748 10 Apr/avr 2002 US (10.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • APPARATUS AND METHOD TO GENERATE AND CONTROL OPTICAL TRAPS TO MANIPULATE SMALL PARTICLES

• DISPOSITIF ET PROCEDE DESTINES A PRODUIRE ET COMMANDER DES PIEGES OPTIQUES POUR LA MANIPULATION DE PETITES PARTICULES

(71) ARRYX, INC. [US/US]; 316 North Michigan Avenue, Chicago, IL 60601 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GRIER, David [US/US]; 1960 N. Lincoln Park West, Chicago, IL 60614 (US). LOPES, Ward [US/US]; 1519 E. 54th Street, Apt. 4, Chicago, IL 60615 (US).

(74) EDWARDS, Jean, C. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/088724 (13) A1

(21) PCT/JP03/03964

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja

(26) ja

(30) 2002-110320 12 Apr/avr 2002 JP (12.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • CIRCUIT BOARD AND METHOD FOR MANUFACTURING THE SAME

• CARTE DE CIRCUITS IMPRIMES ET SON PROCEDE DE PRODUCTION

(71) SHINDO COMPANY, LTD. [JP/JP]; 10-5, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).

(72) KOBAYASHI, Katsuyoshi; c/o SHINDO COMPANY, LTD., 1027, Washinoya, Shonanmachi, Higashikatsushika-gun, Chiba 270-1443 (JP).

(74) NAKAO, Shunsuke; 8F, Ginza 8-10 Building, 10-8, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CN KR.

(51)⁷ H05K 1/09

(11) WO 03/088725 (13) A1

(21) PCT/JP03/04612

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-110532 12 Apr/avr 2002 JP (12.04.2002)

(30) 2002-352060 4 Dec/déc 2002 JP (04.12.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • COPPER FOIL WITH CARRIER FOIL, PROCESS FOR PRODUCING THE SAME AND COPPER CLAD LAMINATE INCLUDING THE COPPER FOIL WITH CARRIER FOIL

• FEUILLE DE CUIVRE DOTÉE D'UNE FEUILLE DE SUPPORT, PROCEDE DE PRODUCTION ASSOCIÉ ET LAMINE PLAQUE CUIVRE COMPRENANT LA FEUILLE DE CUIVRE DOTÉE D'UNE FEUILLE DE SUPPORT

(71) MITSUI MINING & SMELTING CO., LTD. [JP/JP]; 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGIMOTO, Akiko [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). YOSHIOKA, Junshi [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). DOBASHI, Makoto [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). IZUTANI, Kenjiro [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). ITAGAKI, Youzo [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). NAKANO, Osamu [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division,

656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

(74) TANAKA, Daisuke; No.1 Misawa Bldg., 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

(81) CN KR US.

(51)⁷ H05K 3/02

(11) WO 03/088726 (13) A1

(21) PCT/JP03/04652

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-112287 15 Apr/avr 2002 JP (15.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • FAST PRODUCTION METHOD FOR PRINTED BOARD

• PROCEDE DE PRODUCTION RAPIDE POUR CARTE DE CIRCUIT IMPRIME

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

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(72, 75) MURATA, Kazuhiro [JP/JP]; c/o National Institute of Advanced, Industrial Science and Technology, of Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP).

(74) IIDA, Toshizo; Ishii Bldg. 3F, 1-10, Shimabashi 3-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 7/12, 7/16

(11) WO 03/088727 (13) A1

(21) PCT/US03/10743

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 60/370,853 8 Apr/avr 2002 US (08.04.2002)

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • ADAPTER MODULE WITH RETENTION LATCH

• MODULE ADAPTATEUR A VERROU DE MAINTIEN

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) **DIRKERS, Christopher, P.**; HC62, Box 370-A, Calico, AR (US). **NEER, Ja, H.**; 6510 Casabella Lane, Boca Raton, FL 33433 (US).

(74) **PAULIUS, Thomas, D.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) CA CN CZ DE FI GB JP KR LT NO PL SE SG SK.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(11) **WO 03/088728** (13) A1

(21) PCT/EP03/03778

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 02008380.4 **12 Apr/avr 2002 EP (12.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • POWER CONVERTER MODULE

• MODULE DE CONVERSION DE PUISSANCE

(71) **BOMBARDIER TRANSPORTATION GMBH** [DE/DE]; Saatwinkler Damm 43, 13627 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAMER, Wilhelm** [DE/DE]; Hegelstrasse 2, 69207 Sandhausen (DE). **FLER-LAGE, Heinz** [DE/DE]; Eppsteiner Weg 29, 67133 Maxdorf (DE). **NORDHAUSER, Andreas** [DE/DE]; Am Schwimmbad 14, 64392 Seeheim (DE).

(74) **AKERS, Noel, J.**; Howrey Simon Arnold & White, City Point, One Ropemaker Street, London EC2Y 9HS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H05K 9/00**

(11) **WO 03/088729** (13) A1

(21) PCT/US03/07507

(22) **11 Mar/mar 2003 (11.03.2003)**

(25) en (26) en

(30) 10/120,251 **10 Apr/avr 2002 US (10.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • BOARD-LEVEL EMI SHIELD WITH ENHANCED THERMAL DISSIPATION

• BLINDAGE EMI SUR CARTE ASSURANT UNE MEILLEURE DISSIPATION THERMIQUE

(71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **REIS, Bradley**; 4 Timber Mill Lane, Landenberg, PA 19350 (US). **CANDY, William**; 307 W. Dickerson Lane, Middletown, DE 19709 (US).

(74) **BOLAND, Kevin, J. et al. / etc.**; W.L. Gore & Associates, Inc., P.O. Box 9206, 551 Paper Mill Road, Newark, DE 19714-9206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05K 13/02**

(11) **WO 03/088730** (13) A1

(21) PCT/JP03/04101

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(30) 2002-098895 **1 Apr/avr 2002 JP (01.04.2002)**

(43) 23 Oct/oct 2003 (23.10.2003)

(54) • WORKING SYSTEM FOR SUBSTRATE
• SYSTEME DE TRAVAIL DE SUBSTRAT

(71) **FUJI MACHINE MFG. CO., LTD.** [JP/JP]; 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP).
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(72, 75) **KONDO, Toshihiro** [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP).

(74) **KANDO, Norikazu et al. / etc.**; Kando Patent Office, Nagoya-Bldg. 5th Floor, 6-18, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).

(81) CN JP US.