

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(51) Not classified / non classée	(30) 2002/205418 15 Jul/juil 2002 JP	CI CM GA GN GQ GW ML MR NE SN TD
(11) WO 03/094589 (13) A2	(15.07.2002)	TG).
(21) PCT/US03/13922	(43) 20 Nov/nov 2003 (20.11.2003)	Published / Publiée : (c)
(22) 5 May/mai 2003 (05.05.2003)	(54) • CORING TINE	(51) ⁷ A01C
(25) en (26) en	• DENT DE CAROTTAGE	(11) WO 03/094592 (13) A2
(30) 60/377,603 6 May/mai 2002 US (06.05.2002)	(71) BIGBENTECH LIMITED PARTNER-SHIP [JP/JP]; 3-15-101(Sannomaru Sun-height), Sannomaru 3-chome, Mito-shi, Ibaraki 310-0011 (JP).	(21) PCT/NZ03/00083
(43) 20 Nov/nov 2003 (20.11.2003)	<i>(for all designated States except / pour tous les États désignés sauf US)</i>	(22) 7 May/mai 2003 (07.05.2003)
(54) • OMNI-ACTUABLE HAND-HELD SURGICAL INSTRUMENTS	(72, 75) TAKAYA, Tsutomu [JP/JP]; BIG-BENTECH LIMITED PARTNERSHIP, 3-15-101(Sannomaru Sunheight), Sannomaru 3-chome, Mito-shi, Ibaraki 310-0011 (JP).	(25) en (26) en
• INSTRUMENTS CHIRURGICAUX MANUELS A MODES D'ACTIONNEMENT MULTIPLES	(74) KIHATA, Yukio; 16-18, Kanesawacho 2-chome, Hitachi-shi, Ibaraki 316-0015 (JP).	(30) 518846 8 May/mai 2002 NZ (08.05.2002)
(71) DUKE UNIVERSITY [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US).	(81) AU CA GB NZ US.	(30) 518854 9 May/mai 2002 NZ (09.05.2002)
<i>(for all designated States except / pour tous les États désignés sauf US)</i>		(43) 20 Nov/nov 2003 (20.11.2003)
(72, 75) DODGE, Brian, C. [US/US]; c/o Duke University, Office of Science and Technol, ogy, P.O. Box 90083, Durham, NC 27708-0083 (US).	(51) ⁷ A01B 59/06	(54) • SEED COATING COMPOSITIONS
OVERAKER, Ronald, F. [US/US]; c/o Duke University, Office of Science and Technol, ogy, P.O. Box 90083, Durham, NC 27708-0083 (US).	(11) WO 03/094591 (13) A1	• COMPOSITIONS D'ENROBAGE DE SEMENCES
TOTH, Cynthia, A. [US/US]; c/o Duke University, Office of Science and Technol, ogy, P.O. Box 90083, Durham, NC 27708-0083 (US).	(21) PCT/EP03/04955	(71) FONTERRA TECH LIMITED [NZ/NZ]; Building 103, Leonard Isitt Drive, Auckland Airport, Auckland (NZ).
(74) DAVIDSON, Bryan, H.; Nixon & Vanderhye, P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).	(22) 12 May/mai 2003 (12.05.2003)	<i>(for all designated States except / pour tous les États désignés sauf US)</i>
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(25) de (26) de	(72, 75) BRIDGER, Lynton, Alexander, [NZ/NZ]; 94 Pacific Parade, Army Bay, Whangaparaoa, Auckland (NZ). ARCHER, Richard, Hamilton, [NZ/NZ]; 5 Hillgrove Place, Palmerston North (NZ).
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) 202 20 427.8 11 May/mai 2002 DE (11.05.2002)	(74) GRIFFITHS, Teresa V et al. / etc.; A J Park, Huddart Parker Building - 6th floor, 1 Post Office Square, PO Box 949, 6015 Wellington (NZ).
(51) ⁷ A01B 45/02	(43) 20 Nov/nov 2003 (20.11.2003)	(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 RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(11) WO 03/094590 (13) A1	(54) • DEVICE FOR COUPLING TWO UNITS TO EACH OTHER	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(21) PCT/JP03/05600	• DISPOSITIF POUR RELIER DEUX UNITES ENTRE ELLES	(51) ⁷ A01C 11/02
(22) 1 May/mai 2003 (01.05.2003)	(71) DEERE & COMPANY [DE/US]; One John Deere Place, Moline, IL 61265-8098 (US).	(11) WO 03/094593 (13) A2
(25) ja (26) ja	<i>(for all designated States except / pour tous les États désignés sauf US)</i>	(21) PCT/NL03/00335
(30) 2002/133600 9 May/mai 2002 JP (09.05.2002)	(71, 72) NORDHOFF, Hendrik [DE/DE]; Schonebeck 29, 48329 Havixbeck (DE).	(22) 7 May/mai 2003 (07.05.2003)
(30) 2002/154301 28 May/mai 2002 JP (28.05.2002)	(74) HOLST, Soenke et al. / etc.; Deere & Company, European Office, Patent Department, Steubenstr. 36-42, 68163 Mannheim (DE).	(25) nl (26) en
(51) ⁷ A01B 45/02	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT 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) 1020548 7 May/mai 2002 NL (07.05.2002)
(11) WO 03/094590 (13) A1	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) 1020549 7 May/mai 2002 NL (07.05.2002)
(21) PCT/JP03/05600		
(22) 1 May/mai 2003 (01.05.2003)		
(25) ja (26) ja		
(30) 2002/133600 9 May/mai 2002 JP (09.05.2002)		
(30) 2002/154301 28 May/mai 2002 JP (28.05.2002)		

- (30) 1020550 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1022698 **14 Feb/fév 2003** NL
(14.02.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FLEXIBLE PLANTING MACHINE FOR PLANTING PLANTS WHICH MAY OR MAY NOT HAVE GERMINATED
- PLANTEUSE FLEXIBLE PERMETTANT DE PLANTER DES PLANTES AYANT OU N'AYANT PAS GERME
- (71, 72) **BRUYGOM, Dirk** [NL/NL]; Molenstraat 31 a, NL-5317 JD Nederhemert (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 **A01C 11/02**
- (11) **WO 03/094594** (13) A1
- (21) PCT/NL03/00338
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) nl (26) en
- (30) 1020548 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1020549 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1020550 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1022697 **14 Feb/fév 2003** NL
(14.02.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PLANTING MACHINE PROVIDED WITH A SINGULATING SYSTEM HAVING A BREAKING MECHANISM, AND SINGULATING SYSTEM AS SUCH
- MACHINE A PLANTER COMPRENANT UN SYSTEME DE SEPARATION QUI PRESENTE UN MECANISME DE FREINAGE, ET SYSTEME DE SEPARATION CORRESPONDANT
- (71, 72) **BRUYGOM, Dirk** [NL/NL]; Molenstraat 31 a, NL-5317 JD Nederhemert (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).

- 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 **A01C 11/02**(11) **WO 03/094595** (13) A1

(21) PCT/NL03/00339

(22) **7 May/mai 2003 (07.05.2003)**

- (25) nl (26) en
- (30) 1020548 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1020549 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1020550 **7 May/mai 2002** NL
(07.05.2002)
- (30) 1022687 **14 Feb/fév 2003** NL
(14.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PLANTING MACHINE AND METHOD FOR RELATIVELY HIGH-SPEED PLANTING OF PLANTS WHICH MAY OR MAY NOT HAVE GERMINATED
- PLANTEUSE DE TUBERCULES ET PROCEDE DE PLANTATION DE PLANTS GERMES OU NON GERMES A VITESSE RELATIVEMENT ELEVEE

(71, 72) **BRUYGOM, Dirk** [NL/NL]; Molenstraat 31 a, NL-5317 JD Nederhemert (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).

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **A01G**(11) **WO 03/094596** (13) A2

(21) PCT/IL03/00366

- (22) **6 May/mai 2003 (06.05.2003)**
- (25) en (26) en
- (30) 60/379,077 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PLANT WETTING METHOD AND APPARATUS
- PROCEDE ET APPAREIL DE MOUILLAGE DE PLANTES
- (71, 72) **GELFER, Aharon** [IL/IL]; 52 Denya St., 34980 HAIFA (IL).
- (74) **LOWY, Avi**; Glucksmann - 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 **A01G 1/12**
- (11) **WO 03/094597** (13) A1
- (21) PCT/AT03/00008
- (22) **10 Jan/jan 2003 (10.01.2003)**
- (25) de (26) de
- (30) A 713/2002 **7 May/mai 2002** AT
(07.05.2002)
- (30) GM 290/2002 **7 May/mai 2002** AT
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DEVICE FOR REMOVING DEW FROM GRASS SURFACE GROWTH
- DISPOSITIF PERMETTANT DE SUPPRIMER LA ROSEE DE L'HERBE D'UNE PELOUSE
- (71) **JOHANN FIMBINGER GMBH** [AT/AT]; Triesterstrasse 363, A-8401 Kalsdorf/Feldkirch (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FIMBINGER, Johann** [AT/AT]; Triesterstrasse 363, A-8401 Kalsdorf/Feldkirch (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 A01G 7/00, A61L 9/00, C12M 1/00

(11) WO 03/094598 (13) A1

(21) PCT/US03/15364

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,179 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHOTOBIOREACTOR AND PROCESS
FOR BIOMASS PRODUCTION AND
MITIGATION OF POLLUTANTS IN
FLUE GASES• PHOTOBIOREACTEUR ET PROCÉDE
DE PRODUCTION DE BIOMASSE ET
D'ATTENUATION DE POLLUANTS
DANS DES GAZ DE CARNEAU(71) GREENFUEL, INC. [US/US]; 247 Third
Street, Cambridge, MA 02131 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BERZIN, Isaac [IL/US]; 62 Beacon-
wood Road, Newton, MA 02461 (US).(74) POMIANEK, Michael, 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 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 A01G 9/10

(11) WO 03/094599 (13) A1

(21) PCT/GB03/01907

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210863.7 11 May/mai 2002 GB
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDITIONED PARTICULATE SUB-
STRATE STRUCTURE AND METHOD
FOR PARTICULATE SUBSTRATE
CONDITIONING• STRUCTURE DE SUBSTRAT PARTI-
CULAIRE CONDITIONNÉE ET PRO-
CÉDE DE CONDITIONNEMENT AS-
SOCIE(71) NEWCASTLE UNIVERSITY VEN-
TURES LIMITED [GB/GB]; Sun Alliance
House, 35 Moseley Street, Newcastle upon
Tyne NE1 1XX (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JONES, Colin, John, Francis, Philip
[GB/GB]; Department of Civil Engineering,
University of Newcastle, Newcastle Upon
Tyne NE1 7RU (GB). LAMONT-BLACK,
John [GB/GB]; Department of Civil Engi-
neering, University of Newcastle, Newcastleupon Tyne NE1 7RU (GB). GLENDEN-
NING, Stephanie [GB/GB]; Department of
Civil Engineering, University of Newcastle,
Newcastle upon Tyne NE 7RU (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 A01H 5/00, C12N 15/29

(11) WO 03/094600 (13) A1

(21) PCT/AU03/00565

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2198 9 May/mai 2002 AU
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BARLEY WITH ALTERED BRANCH-
ING ENZYME ACTIVITY AND
STARCH AND STARCH CONTAINING
PRODUCTS WITH AN INCREASED
AMYLOSE CONTENT• ORGE A ACTIVITE ENZYMATIQUE
RAMIFIANTE ET AMIDON, ET PRO-
DUITS A BASE D'AMIDON A TENEUR
ACCURUE EN AMYLOSE(71) COMMONWEALTH SCIENTIFIC AND
INDUSTRIAL RESEARCH ORGANISA-
TION [AU/AU]; Limestone Avenue, Camp-
bell, ACT 2612 (AU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) REGINA, Ahmed [IN/AU]; 4 Nangi
Place, Ngunnawal, ACT 2913 (AU).
MORELL, Matthew, Kennedy [AU/AU];
13 Wolgal Place, Aranda, ACT 2614 (AU).
RAHMAN, Sadequr [AU/AU]; 46 Scarlett
Street, Melba, ACT 2615 (AU).(74) A.P.T. Patent and Trade Mark Attorneys;
PO Box 222, Mitcham, SA 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 A01H 5/00, 1/02

(11) WO 03/094601 (13) A1

(21) PCT/US03/14682

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,304 10 May/mai 2002 US
(10.05.2002)(30) 60/427,637 19 Nov/nov 2002 US
(19.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IDENTIFICATION OF SOYBEANS
HAVING RESISTANCE TO *PHYTOPH-
THORA SOJAE*• IDENTIFICATION DE SOJA RESIS-
TANT A *PHYTOPH-THORA SO-
JAE*(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) ST.MARTIN, Steven [US/US]; 2104
Bigby Hollow Street, Columbus, OH 43228
(US). DORRANCE, Anne [US/US]; 305
Oakley Road, Wooster, OH 44691 (US).
BURNHAM, Kara [US/US]; 6202 N. Com-
mercial Avenue, Portland, OR 97217 (US).
FIORITTO, Ronald [US/US]; 2500 Carrie
Lane, Wooster, OH 44691 (US). FRANCIS,
David [US/US]; 2289 N. Reedsburg Road,
Wooster, OH 44691 (US).(74) DOBREA, Diane, H.; Calfee, Halter & Gris-
wold LLP, Suite 1400, 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).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01J 5/007

(11) WO 03/094602 (13) A1

(21) PCT/SE03/00676

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0201380-3 7 May/mai 2002 SE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC MILK SEPARATION

• SEPARATION AUTOMATIQUE DU
LAIT

- (71) **DELAVAL HOLDING AB** [SE/SE]; Box 39, S-147 21 Tumba (SE).
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- (72, 75) **BOSMA, Epke** [NL/SE]; Hökvägen 52, S-147 21 Tumba (SE).
- (74) **HASSELGREN, Joakim** 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 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 A01J 27/04, 25/12

(11) WO 03/094603 (13) A1

(21) PCT/US03/12953

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en
(30) 10/140,773 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CASTING APPARATUS AND PROCESS
• APPAREIL ET PROCEDE DE FONTE

(71) **SCHREIBER FOODS, INC.** [US/US]; 425 Pine Street, Green Bay, WI 54307-9010 (US).

(72) **OWENS, Shawn**; 2408 N. Indiana Street, Joplin, MO 64801 (US). **DENNIS, Chidress**; 1403 Hemingway, Monett, MO 65708 (US).

(74) **MAZZA, Michael, P.**; Michael P. Mazza, LLC, 686 Crescent Blvd., Glen Ellyn, IL 60137 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 A01J 27/04, 25/12

(11) WO 03/094604 (13) A1

(21) PCT/US03/13187

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en
(30) 10/140,775 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CASTING FOOD PRODUCTS TO CONTROLLED DIMENSIONS
• COULAGE DE PRODUITS ALIMENTS A DES DIMENSIONS COMMANDEES

(71) **SCHREIBER FOODS, INC.** [US/US]; 425 Pine Street, Green Bay, WI 54307-9010 (US).

(72) **MILANI, Franco, X.**; 1115 Chicago Street, Green Bay, WI 54301 (US). **OWENS, Shawn**; 2408 N. Indiana Street, Joplin, MO 64801 (US).

(74) **MAZZA, Michael, P.**; Michael P. Mazza, LLC, 686 Crescent Blvd., Glen Ellyn, IL 60137 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/02, 7/02, 7/00

(11) WO 03/094605 (13) A1

(21) PCT/EP03/04674

(22) 5 May/mai 2003 (05.05.2003)

(25) de (26) de
(30) 102 20 729.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETERMINING A QUANTITY OF LIQUID NUTRIMENTS CONSUMED BY ANIMALS

• PROCEDE PERMETTANT DE DETERMINER UNE QUANTITE D'ALIMENTS LIQUIDES ABSORBEE PAR LES ANIMAUX

(71, 72) **FÖRSTER, Martin** [DE/DE]; Gerwigstrasse 25, 78234 Engen (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 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 23/00

(11) WO 03/094606 (13) A1

(21) PCT/FR03/01444

(22) 12 May/mai 2003 (12.05.2003)

(25) fr (26) fr

(30) 02/05835 13 May/mai 2002 FR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECEPTACLE FOR ANIMAL EXCREMENT
• RECEPTACLE DE DEJECTIONS ANIMALES

(71, 72) **AUBRY, Solange, Michèle** [FR/FR]; Résidence George Sand, 7, rue George Sand, F-92500 Rueil Malmaison (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 A01K 43/00, C12M 3/00, A01K 45/00

(11) WO 03/094607 (13) A1

(21) PCT/DK03/00292

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 02388034.7 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN EMBRYONATED EGG HARVESTING APPARATUS
• APPAREIL DE RECOLTE D'OEUF EMBRYONNE

(71) **SANOVO ENGINEERING A/S** [DK/DK]; Thulevej 25-27, DK-5210 Odense NV (DK).
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(72, 75) **DØLBY, Henrik** [DK/DK]; Gl. Slotsvej 8, Strib, DK-5500 Middelfart (DK).

(74) **INDAHL, Peter** 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) 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).

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 A01K 61/00, 63/00

(11) WO 03/094608 (13) A1

(21) PCT/AU03/00555

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2251 10 May/mai 2002 AU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR GRADING MARINE ANIMALS BY SIZE
• SYSTEME DE TRIAGE D'ANIMAUX MARINS PAR TAILLE

(71, 72) MCROBERT, Ian [AU/AU]; 148 Eleventh Road, Wungong, Western Australia 6112 (AU).

(74) MIZZI, Anthony, Paul; Griffith Hack, Level 6, 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).

(51)⁷ A01K 63/00

(11) WO 03/094609 (13) A2

(21) PCT/IB03/01788

(22) 7 May/mai 2003 (07.05.2003)

(25) it (26) en

(30) VI2002A000086 7 May/mai 2002 IT (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADJUSTABLE HEATER FOR AQUARIA

• RECHAUFFEUR POUR AQUARIUMS

(71) EDEN SRL [IT/IT]; Via delle Industrie, 16, I-36050 Cartigliano (IT).

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(72, 75) LOLATO, Samuele [IT/IT]; Via Trento, 6/A, I-36020 Pove del Grappa (IT).

(74) MAROSCIA, Antonio; Maroscia & Associati S.R.L., Contrà S. Caterina, 29, I-36100 Vivenza (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 A01K 67/027 // C07K 14/49

(11) WO 03/094610 (13) A1

(21) PCT/SE03/00724

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,397 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RESEARCH MODELS FOR THE EVALUATION OF RETINOPATHY OR MICROANGIOPATHY AND USES THEREOF

• MODELES DE RECHERCHE POUR L'EVALUATION DE LA RETINOPATHIE OU DE LA MICROANGIOPATHIE ET UTILISATIONS DE CES MODELES

(71) ANGIOGENETICS SWEDEN AB [SE/SE]; P.O. Box 440, S-405 30 Göteborg (SE).

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(72, 75) ENGE, Maria [SE/SE]; Gisslefsjällsliden 1, S-417 29 Göteborg (SE). BJARNEGARD, Mattias [SE/SE]; Storebackegatan 12D, S-413 18 Göteborg (SE). GERHARDT, Holger [DE/SE]; Kommendörsgatan 25J, S-414 59 Göteborg (SE). BETSHOLTZ, Christer [SE/SE]; Göteborg University, Dept. of Medical Biochemistry, Box 440, Medicinaregatan 9A, S-405 30 Göteborg (SE).

(74) ALBIHNS STOCKHOLM AB; P.O. Box 5581, Linnégatan 2, 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 A01M

(11) WO 03/094611 (13) A2

(21) PCT/US03/14458

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,369 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR TRAPPING FLYING INSECTS WITH ATTRACTANT LURES

• SYSTEME DE PIEGEAGE D'INSECTES AERIENS AU MOYEN DE SUBSTANCES ATTRACTIVES

(71) AMERICAN BIOPHYSICS CORP. [US/US]; 2240 South County Trail, East Greenwich, RI 02818-1536 (US).

(72) DURAND, Emma, A.; 64 Walcott Avenue, Jamestown, RI 02835 (US). CAO, Miaoyang; 7 Harborview Drive, Warwick, RI 02889 (US). LIU, Cuixia; 7 harborview Drive, Warwick, RI 02889 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/00

(11) WO 03/094612 (13) A1

(21) PCT/EP03/04250

(22) 24 Apr/avr 2003 (24.04.2003)

(25) de (26) de

(30) 102 20 271.0 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RODENTICIDAL BAIT SYSTEM

• SYSTEMES D'APPATS RODENTICIDES

(71) BAYER CROPSCIENCE AKTIENGESSELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).

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(72, 75) ENDEPOL, Stefan [DE/DE]; Jakob-Böhme-Str. 8, 51065 Köln (DE). BÖCKER, Thomas [DE/DE]; Im Rottfeld 14, 42799 Leichlingen (DE).

(74) BAYER CROPSCIENCE AKTIENGESSELLSCHAFT; Law & 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01N 25/02

(11) WO 03/094613 (13) A1

(21) PCT/AU03/00553

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2228 10 May/mai 2002 AU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADJUVANT COMPOSITION

• COMPOSITION D'ADJUVANT

(71) VICTORIAN CHEMICALS INTERNATIONAL PTY LTD [AU/AU]; 37-49 Appleton Street, Richmond, VIC 3121 (AU).
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(72, 75) KILLICK, Robert, William [AU/AU]; 14 Dallas Street, Mount Waverley, VIC 3149 (AU). KILLICK, Andrew, Robert [AU/AU]; 10 Park Street, Richmond, VIC 3121 (AU). JONES, Peter, William [AU/AU]; 65 Menzies Road, Menzies Creek, VIC 3159 (AU). WRIGLEY, Peter, Ronald [AU/AU]; 6 Handel Court, Blackburn, VIC 3130 (AU). MORRISON, John, David [AU/AU]; 6 Burwood Court, Thomastown, VIC 3074 (AU).

(74) ALLENS ARTHUR ROBINSON PATERN & TRADE MARKS ATTORNEYS; Stock Exchange Centre, 530 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 A01N 25/16, 25/30

(11) WO 03/094614 (13) A1

(21) PCT/AU03/00537

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PS 2195 7 May/mai 2002 AU (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUXILIARY COMPOSITIONS

• COMPOSITIONS AUXILIAIRES

(71) BIOTECH SCIENCE PTY LTD [AU/AU]; Unit 9/100 New Street, Ringwood, Victoria 3134 (AU).

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(72, 75) WALLIS, David [AU/AU]; 75 Sovereign Maner Drive, Rowville, Victoria 3178 (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 A01N 31/16, 43/30

(11) WO 03/094615 (13) A1

(21) PCT/CN02/00884

(22) 11 Dec/déc 2002 (11.12.2002)

(25) en (26) en

(30) 02110386.0 10 May/mai 2002 CN (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUNGICIDAL COMPOSITION CONTAINING PQDS

• COMPOSITION FONGICIDE CONTENANT DES DERIVES PERYLENEQUINONOIDES

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(74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.; 16/F, Zhongke Building, 80, Haidian Road, Haidian District, Beijing 100080 (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 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 A01N 37/18, A61K 31/785, C08G 73/00

(11) WO 03/094616 (13) A1

(21) PCT/JP03/05916

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-137282 13 May/mai 2002 JP (13.05.2002)

(30) 2003-14788 23 Jan/jan 2003 JP (23.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTIBACTERIAL

• PRODUIT ANTIBACTERIEN

(71) NICCA CHEMICAL CO., LTD. [JP/JP]; 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 910-8670 (JP).

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(72, 75) KAMEOKA, Ikuo [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 910-8670 (JP). MIYAMOTO, Hidekazu [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 910-8670 (JP). MAKINO, Masahiro [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 910-8670 (JP).

(74) UCHIYAMA, Mitsuru; TSI Sudacho Building 8F, 4-1, Kandasudacho 1-chome, Chiyoda-ku, Tokyo 101-0041 (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 A01N 37/18, A61K 38/00

(11) WO 03/094617 (13) A2

(21) PCT/US03/14090

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,275 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF VEGF FOR TREATING BONE DEFECTS

• UTILISATION DE VEGF POUR TRAITER DES DEFECTS OSSEUX

(71) GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(72) **BUNTING, Stuart**; 220 Miramontes Avenue, Half Moon Bay, CA 94019 (US). **FILVAROFF, Ellen Hope**; 538 18th Avenue, San Francisco, CA 94121 (US). **PEALE, Jr., Franklin V.**; 416 Pearl Avenue, San Carlos, CA 94070 (US). **CARANO, Richard**; 2470 Paddock Drive, San Ramon, CA 94583 (US). **GOSSELIN, Richard Andre**; 643 Ferdinand Avenue, El Granada, CA 94018 (US).

(74) **CUI, Steven X.** et al. / etc.; GENENTECH, INC., 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 47/28, 65/00, 37/02, 31/02 // (A01N 47/28, 65:00, 37:02, 31:02) (A01N 65/00, 37:02, 31:02) (A01N 37/02, 31:02)**

(11) **WO 03/094618** (13) A1

(21) PCT/CA03/00692

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,510 **13 May/mai 2002 US (13.05.2002)**

(30) 60/434,858 **19 Dec/déc 2002 US (19.12.2002)**

(30) 2,414,866 **19 Dec/déc 2002 CA (19.12.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **UREA BASED NATURAL HERBICIDE COMPOSITIONS**

• **COMPOSITIONS HERBICIDES NATURELLES A BASE D'UREE**

(71) **CERES ENVIRONMENTAL SOLUTION INDUSTRY INCORPORATED** [CA/CA]; 72 Mechanic St.W, P.O. Box 38, Maxville, Ontario K0C 1T0 (CA).

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

(72, 75) **LEWIS, James, L.** [CA/CA]; R.R.2, Vankleek Hill, Ontario K0B 1R0 (CA).

(74) **SECHLEY, Konrad, A.** et al. / etc.; Gowing Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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)

(51)⁷ **A01N 63/00, 65/00 // (A01N 63/00, 65:00, 63:00)**

(11) **WO 03/094619** (13) A1

(21) PCT/DE03/01537

(22) **13 May/mai 2003 (13.05.2003)**

(25) de (26) de

(30) 102 21 225.2 **13 May/mai 2002 DE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **COMPOSITION AND METHOD FOR ELIMINATING MILDEW INFESTATION**

• **COMPOSITION ET PROCEDE POUR ERADICER L'ATTAQUE FONGIQUE**

(71) **GEORG FRITZMEIER GMBH & CO.** [DE/DE]; Umwelttechnik, Forststrasse 2, 85655 Grosshelfendorf (DE).

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

(72, 75) **UPHOFF, Christian** [DE/DE]; Kampenwandstrasse 100, 83299 Aschau (DE).

(74) **WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE - PARTNERSCHAFT -**; Patent- und Rechtsanwaltskanzlei, Bavariaring 10, 80336 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).

(51)⁷ **A21C 11/16**

(11) **WO 03/094620** (13) A1

(21) PCT/JP03/05943

(22) **13 May/mai 2003 (13.05.2003)**

(25) ja (26) ja

(30) 2002-139320 **14 May/mai 2002 JP (14.05.2002)**

(30) 2002-235271 **8 Jul/juillet 2002 JP (08.07.2002)**

(30) 2002-225150 **1 Aug/août 2002 JP (01.08.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **FOOD DOUGH DISCHARGE DEVICE**

• **DISPOSITIF DE PATE ALIMENTAIRE**

(71) **RHEON AUTOMATIC MACHINERY CO.,LTD.** [JP/JP]; 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP).

(72) **HASHIMOTO, Shigeru**; c/o Rheon Automatic Machinery Co., Ltd., 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP). **HASEGAWA, Kiyoshi**; c/o

Rheon Automatic Machinery Co., Ltd., 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP).

(74) **YAMASAKI, Yukuzo** et al. / etc.; Yamasaki Law and Patent Office, Sogo Nagatacho Bldg. 8F, 11-28, Nagatacho 1-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AT AU BR CA CH CN CZ DE ES GB IL JP KR MX NZ PH PL RU SE 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) **A21D 13/00**

(11) **WO 03/094621** (13) A2

(21) PCT/US03/15024

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/144,463 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SPAGHETTI TWISTER AND METHOD OF MAKING SAME**

• **ENROULEUR DE SPAGHETTI ET PROCEDE DE FABRICATION DE CET ENROULEUR**

(71, 72) **MADISON, Sylvester** [US/US]; 1217 East Cleveland Street, Dillon, SC 29536 (US).

(74) **HARDAWAY, John, B., III** et al. / etc.; NEXSEN PRUET JACOBS & POLLARD, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **A23B 4/08, 4/12, 4/14, 4/26, B65B 55/12, 55/22, F25D 13/04, 13/06, 25/00, B23B 27/08**

(11) **WO 03/094622** (13) A1

(21) PCT/US03/13927

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) 10/140,735 **7 May/mai 2002 US (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **FOOD PROCESSING**

• **APPAREIL ET PROCEDE DE TRAITEMENT DE PRODUITS ALIMENTAIRES**

(71) **GLOBAL FOOD TECHNOLOGIES, INC.** [US/US]; 357 W. Center, Pocatello, ID 83204 (US).

(72) **TERRY, Mark**; 5820 Turf Drive, Pocatello, ID 83204 (US).

(74) **SMITH, Albert, C. et al.** / etc.; Fenwick & 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/142**

(11) **WO 03/094623** (13) A1

(21) PCT/FI03/00366

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 20020907 **14 May/mai 2002** FI (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING A LACTOSE-FREE MILK PRODUCT
• METHODE DE PRODUCTION D'UN PRODUIT LAITIER SANS LACTOSE

(71) **VALIO LTD** [FI/FI]; Meijeritie 6, FIN-00370 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOSSAVAINEN, Olli** [FI/FI]; Tornihaukantie 4 as 21, FIN-02620 Espoo (FI).
SAHLSTEIN, Janne [FI/FI]; Angervotie 4 E 43, FIN-00320 Helsinki (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) 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 (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP

(Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **A23C 9/15, A01K 9/00, A23K 1/18, B01F 3/12, 1/00**

(11) **WO 03/094624** (13) A1

(21) PCT/GB03/01982

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210697.9 **10 May/mai 2002** GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR MILK PREPARATION FROM MILK POWDER

• APPAREIL ET PROCÉDE DE PREPARATION DE LAIT A PARTIR DE POUDRE DE LAIT

(71, 72) **DHALIWAL, Charnjit, Singh** [GB/GB]; 4 Gilman Close, St. Andrews Ridge, Swindon SN25 4GJ (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 **A23D 9/00, C12P 7/64, C11C 1/04, 3/08, C11B 5/00, A23L 1/30**

(11) **WO 03/094625** (13) A1

(21) PCT/DK03/00296

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) PA 2002 00704 **8 May/mai 2002** DK (08.05.2002)

(30) 60/379,175 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A FACILE TWO-STEP ENZYME PROCESS FOR INCREASING THE CONTENT OF POLYUNSATURATED FATTY ACIDS IN FISH OIL

• PROCÉDE ENZYMATIQUE SIMPLE EN DEUX ÉTAPES DESTINÉ À AUGMENTER LE CONTENU EN ACIDES

GRAS POLYINSATURÉS D'HUILES DE POISSON

(71) **DANMARKS TEKNISKE UNIVERSITET (TECHNICAL UNIVERSITY OF DENMARK)** [DK/DK]; Anker Engeldsvej, DK-2800 Kongens Lyngby (DK).
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(72, 75) **XU, Xuebing** [CN/DK]; Eremitageparken 311, 1b, Dk-2800 Kongens Lyngby (DK).

(74) **ZACCO DENMARK A/S**; Hans Bekkevolds Allé 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).

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(51)⁷ **A23G 1/21, 3/02, 3/20, 1/20, 1/00, 3/00, A23P 1/10, B29C 33/10**

(11) **WO 03/094626** (13) A1

(21) PCT/EP03/04813

(22) **8 May/mai 2003 (08.05.2003)**

(25) de (26) de

(30) 102 21 524.3 **14 May/mai 2002** DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF EDIBLES COMPRISING AN OUTER SHELL

• PROCÉDE ET DISPOSITIF POUR FABRIQUER DES PRODUITS DE CONSOMMATION POSSEDANT UNE COQUE EXTERIEURE

(71) **KMB PRODUKTIONS AG** [CH/CH]; Marksteinstrasse 5, CH-8552 Felben (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOBEL, Guido** [CH/CH]; Marksteinstrasse 5, CH-8552 Felben (CH).

(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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 A23J 3/16, A23L 1/30, 1/015

(11) WO 03/094627 (13) A1

(21) PCT/US03/14323

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,618 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOW ISOFLAVONES, HIGH SAPONINS SOY PROTEIN PRODUCT AND PROCESS FOR PRODUCING THE SAME

• PRODUIT PROTEIQUE DE SOYA A HAUTE TENEUR EN SAPONINES ET A FAIBLE TENEUR EN ISOFLAVONES ET SON PROCEDE DE PRODUCTION

(71) SOLAE, LLC [US/US]; 1034 Danforth Drive, St. Louis MO 63102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SINGH, Navpreet [IN/US]; 7310 Saddleback Court, Apt. 1B, Fort Wayne, IN 46804 (US).

(74) NIEWYK, Anthony et al. / etc.; Baker & Daniels, Suite 800, 111 East Wayne Street, Fort Wayne, IN 46802 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094628 (13) A1

(21) PCT/EP03/04555

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 0201448-8 14 May/mai 2002 SE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR REDUCING METHANE PRODUCTION EMANATING FROM THE DIGESTIVE ACTIVITIES OF AN ANIMAL

• PROCEDE PERMETTANT DE REDUIRE LA PRODUCTION DE METHANE PROVENANT DES PROCES-SUS DIGESTIFS D'UN ANIMAL

(71) AKZO NOBEL NV [NL/NL]; P.O.Box 9300, NL-6800 SB Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOSA, Riccardo [CH/CH]; Au Châtelard, CH-1145 Bière (CH).

(74) ANDERSSON, Rolf; Akzo Nobel Surface Chemistry AB, S-444 85 Stenungsund (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 A23K 1/18, A23P 1/08, A23N 17/00

(11) WO 03/094629 (13) A1

(21) PCT/EP03/04638

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 728.3 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANIMAL FOOD AND METHOD AND MACHINE FOR THE PRODUCTION THEREOF

• ALIMENT POUR ANIMAUX ET PROCEDE ET DISPOSITIF DE FABRICATION DE CET ALIMENT

(71, 72) WINKEL, Berend-Jan, Te [NL/NL]; Ballastweg 1, NL-7741 ZM Coevorden (NL).

(74) BUSSE, Dietrich et al. / etc.; Grosshandelsring 6, 49084 Osnabrück (DE).

(81) AT CH CZ DK ES FI GB LU NO PL PT RU SE 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 A23L 1/00, 1/22

(11) WO 03/094630 (13) A1

(21) PCT/JP03/05714

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-132666 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWDER COMPOSITION
• COMPOSITION EN POUDRE(71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) GOTO, Yukio [JP/JP]; c/o Takasago International Corporation, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP).
TANAKA, Shigeru [JP/JP]; c/o Takasago International Corporation, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP).
ISHII, Hiroshi [JP/JP]; c/o Takasago International Corporation, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (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 A23L 1/00

(11) WO 03/094631 (13) A2

(21) PCT/US03/13189

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 10/140,772 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCT AND PROCESS FOR DELIVERING FLAVORING AGENTS TO FOOD PRODUCTS

• PRODUIT ET PROCEDE DE DISTRIBUTION D'AGENTS AROMATISANTS A DES PRODUITS ALIMENTAIRES

(71) SCHREIBER FOODS, INC. [US/US]; 425 Pine Street, Green Bay, WI 54307-9010 (US).

(72) MILANI, Franco, X.; 1115 Chicago Street, Green Bay, WI 54301 (US).
FRINAK, Susan; 339 Traders Point Place, Green Bay, WI 54302 (US).
KLOCKEMAN, Donna; 500 N. 10th - Unit 62, Depere, WI 54115 (US).

(74) MAZZA, Michael, P.; Michael P. Mazza, LLC, 686 Crescent Blvd., Glen Ellyn, IL 60137 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 1/18, 1/221, 1/223, C11B 9/00

(11) WO 03/094632 (13) A1

(21) PCT/GB03/02072

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0211014.6 14 May/mai 2002 GB
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLAVOURED POPCORN AND ITS PREPARATION

- MAIS ECLATE AROMATISE ET SA PREPARATION

(71, 72) GLEN, Deborah, Anne [GB/GB]; 48d Gowers Walk, London EI 8BS (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 A23L 1/22, A23D 9/00

(11) WO 03/094633 (13) A1

(21) PCT/JP03/00182

(22) 10 Jan/jan 2003 (10.01.2003)

(25) ja (26) ja

(30) 2002-138961 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BODY TASTE IMPROVER COMPRISING LONG-CHAIN HIGHLY UNSATURATED FATTY ACID AND/OR ESTER THEREOF AND VEGETABLE FAT COMPOSITION CONTAINING THE SAME

- EXHAUSTEUR DE GOUT CONTENANT UN ACIDE GRAS POLYINSATURÉ A LONGUE CHAÎNE ET/OU UN ESTER DE CET ACIDE GRAS, ET COMPOSITION DE GRAISSE VÉGÉTALE RENFERMANT CET EXHAUSTEUR DE GOUT

(71) AJINOMOTO OIL MILLS CO., LTD. [JP/JP]; 7-41, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YAMAGUCHI, Susumu [JP/JP]; c/o Ajinomoto Oil Mills, Co., Inc., 7-41, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). TASHIMA, Ikukazu [JP/JP]; c/o Ajinomoto Oil Mills, Co., Inc., 7-41, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). MATSUZAKI, Narihida [JP/JP]; c/o Ajinomoto Oil Mills, Co., Inc., 7-41, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP).

(74) ABE, Masahiro; 1001, Dia Palace Tsudanuma, 14-1, Maebara-nishi 2-chome, Funabashi-shi, Chiba 274-0825 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

RU 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 A23L 1/24, A23D 9/00, A23L 1/30, 1/39, 1/307

(11) WO 03/094634 (13) A1

(21) PCT/US03/13978

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/380,121 6 May/mai 2002 US (06.05.2002)

(30) 60/453,722 2 May/mai 2003 US (02.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FOODS AND DRINKS CONTAINING DIACYLGLYCEROL

- ALIMENTS ET BOISSONS CONTENANT DU DIACYLGLYCEROL

(71, 72) BOICE, Brooke [US/US]; 3911 Camelot Circle #203, Decatur, IL 62526 (US). EGBERT, Russ [US/US]; 3579 East Fitzgerald Road, Decatur, IL 62521 (US). SIKORSKI, Dawn, M. [US/US]; 706 North Front Street, Monticello, IL 61856 (US). STUCHELL, Yvonne, M. [US/US]; 3493 West Center Street, Decatur, IL 62526 (US). WIDLAK, Neil [US/US]; 10 Tall oaks Lane, Decatur, IL 62521 (US).

(74) SHEA, Timothy, J., Jr. et al. / etc.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., 1100 New York Avenue, 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 A23L 1/302, 1/304, 2/40, 2/00

(11) WO 03/094635 (13) A1

(21) PCT/US03/14561

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,741 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PREPARING BEVERAGES AND BEVERAGE CONCENTRATES NUTRITIONALLY SUPPLEMENTED WITH MINERALS

- PROCEDE DE PRODUCTION DE BOISSONS ET DE BOISSONS CONCENTRÉES ENRICHIES DE MINÉRAUX NUTRITIONNELS

(63) US 10/143,741 (CON) 10 May/mai 2002 (10.05.2002)

(71) APPLIED FOOD SCIENCES LLC [US/US]; 1250 Capital of Texas Highway South, Austin, TX 78746 (US).

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

(72, 75) FIELDS, Christine, C. [US/US]; 1125 Oxford Lane, Lake Zurich, IL 60047 (US). TRACI, Sean, L. [US/US]; 1810 Elmwood Ave., Wilmette, IL (US).

(74) HENRY, David, G.; 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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 BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 A23L 1/48, 1/24, 1/39

(11) WO 03/094636 (13) A1

(21) PCT/EP03/03708

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 02253198.2 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EDIBLE EMULSION FOR HOT FOOD PRODUCTS

- EMULSION COMESTIBLE POUR PRODUITS ALIMENTAIRES CHAUDS

(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 GB GD GH GM IL KE LC LK LSMN MW NZ OM SC SD SG SL TT TZ UG VC ZA ZM ZW SZ CY IE)

(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) CHAROENWONGSE, Vilairat [TH/FR]; Amora Maille, 48 Quai Nicolas Rolin, F-2100 Dijon (FR). ETMI-NAN-BASSERI, Soheila [DE/DE]; Unilever Bestfoods Germany, Knorrstrasse 1, 74074 Heilbronn (DE).

(74) **HODGETTS, Catherine, D;** 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.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/015, 3/3409, 3/3418**

(11) **WO 03/094637** (13) A1

(21) PCT/IB03/01674

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(30) 60/380,522 **14 May/mai 2002 (14.05.2002)** US

(30) 60/380,575 **14 May/mai 2002 (14.05.2002)** US

(30) 10/420,928 **23 Apr/avr 2003 (23.04.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF USING LOW TEMPERATURE AND HIGH/LOW PRESSURE PROCESSING TO PRESERVE FOOD PRODUCTS

• PROCEDE RECOURANT AUX BASSES TEMPERATURES ET A DES PRES-SIONS HAUTES/BASSES POUR CONSERVER LES PRODUITS ALI-MENTAIRES

(71) **L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(72) **YUAN, James, T., C.;** 1913 Turtle Cove Ct., Naperville, IL 60565 (US). **PAGANESSI, Joseph, E.;** 1432 Tomlin Drive, Burr Ridge, IL 60527 (US). **STEINER, Edward, F.;** 6800 Valley View Drive, Downers Grove, IL 60516 (US). **TAKEUCHI, Kazuo;** 2255 South Highland Avenue, Apt 102, Lombard, IL 60148 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **A23L 3/3517, 3/3526, 1/03, 1/05, C07C 231/02, 237/22, 277/08, 279/14**

(11) **WO 03/094638** (13) A1

(21) PCT/EP02/05061

(22) **8 May/mai 2002 (08.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NEW PRESERVATIVES AND PROTECTIVE SYSTEMS

• NOUVEAUX CONSERVATEURS ET SYSTEMES DE PROTECTION

(71) **LAMIRSA (LABORATORIOS MIRET) S.A.** [ES/ES]; Pol. Industrial Can Parellada, c/Geminis, n°4, E-08228 Les Fonts de Terrassa/Barcelona (ES).

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

(72, 75) **SEGUER BONAVENTURA, Joan** [ES/ES]; c/ Riera Blanca 182, 5°2a, E-08902 Hospitalet de Llobregat/Barcelona (ES). **RO-CABAYERA BONVILA, Xavier** [ES/ES]; c/ Ripoll 4, E-08184 Palau-Solita / Barcelona (ES). **MARTINEZ RUBIO, Mariano, A.** [ES/ES]; Psje. Arriassa 3, 1°4a, E-08020 Barcelona (ES).

(74) **GILLE HRABAL STRUCK NEIDLEIN PROP ROOS;** Brucknerstrasse 20, 40593 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 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 **A24B 15/20**

(11) **WO 03/094639** (13) A1

(21) PCT/JP03/05845

(22) **9 May/mai 2003 (09.05.2003)**

(25) ja (26) ja

(30) 2002-135777 **10 May/mai 2002 (10.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICROORGANISM REDUCING THE AMOUNT OF NITROSAMINE AND METHOD OF REDUCING THE AMOUNT OF NITROSAMINE USING THE MICROORGANISM

• MICRO-ORGANISME REDUISANT LA TENEUR EN NITROSAMINE ET PROCEDE DE REDUCTION DE TENEUR EN NITROSAMINE AU MOYEN DE CE MICRO-ORGANISME

(71) **JAPAN TOBACCO INC.** [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).

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

(72, 75) **KOGA, Kazuharu** [JP/JP]; c/o JAPAN TOBACCO INC., Leaf Tobacco Research Center, 1900, Oaza Idei, Oyama-shi, Tochigi 323-0808 (JP). **KATSUYA, Satoshi** [JP/JP]; c/o JAPAN TOBACCO INC., Leaf Tobacco Research Center, 1900, Oaza Idei, Oyama-shi, Tochigi 323-0808 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A24F 47/00, A61M 15/06**

(11) **WO 03/094640** (13) A1

(21) PCT/DE02/01712

(22) **13 May/mai 2002 (13.05.2002)**

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INHALER
• INHALATEUR

(71) **THINK GLOBAL B.V.** [NL/NL]; Dinkel-laan 14A, NL-2105 VL Heemstede (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ESSER, Ralf** [DE/DE]; Frankfurter Strasse 69, 53773 Hennef (DE).

(74) **STUTE, Ivo;** Alt-Niederkassel 75, 40547 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 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).

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 A41C 3/00, 3/06

(11) WO 03/094641 (13) A1

(21) PCT/EP03/04389

(22) 27 Apr/avr 2003 (27.04.2003)

(25) en (26) en

(30) PD2002A000120 10 May/mai 2002 IT
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STRAPLESS BRA

• SOUTIEN-GORGE SANS BRETELLES

(71, 72) ALBERTON, Cristina [IT/IT]; Via Forlanini, 4, I-35136 Padova (IT).

(74) CIARDULLO, Anna; Via Risorgimento, 8, 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 A41C 3/00

(11) WO 03/094642 (13) A1

(21) PCT/US03/14958

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,889 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BREAST SUPPORT GARMENT SYSTEM AND METHOD THEREFOR

• SYSTEME DE VETEMENT POUR SOUTENIR LA POITRINE ET METHODE CORRESPONDANTE

(71, 72) JONES, Wendy [US/US]; 7952 Eagle Ranch Road, Ft. Collins, CO 80528 (US).
WEIR, Jennifer [US/US]; 388 N. Walnut, Manteno, IL 60950 (US).

(74) MARTIN, Timothy, J. et al. / etc.; Timothy J. Martin, P.C., Suite 200, 9250 W. 5th Avenue, Lakewood, CO 80226 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 A41D

(11) WO 03/094643 (13) A2

(21) PCT/GB03/02019

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210733.2 10 May/mai 2002 GB
(10.05.2002)

(30) 0215729.5 6 Jul/juil 2002 GB
(06.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GARMENT VENTILATION STRUCTURE

• STRUCTURE D'AERATION DE VETEMENT

(71, 72) MESSIOU, Antoine, Yvon [GB/GB]; 526 Braunstone Lane, Leicester, LE3 3DH (GB).

(74) SMITH, Peter, James; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/02, A61F 7/00, F24J 1/00, A43B 7/06

(11) WO 03/094644 (13) A1

(21) PCT/EP02/08973

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) AN2002A000022 8 May/mai 2002 IT
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEATED OR COOLED ITEM OF CLOTHING

• ARTICLE D'HABILLEMENT A CHAUFFAGE OU A REFROIDISSEMENT

(71, 72) POLENTA, Mirco [IT/IT]; via San Giovanni, 22, I-60020 Polverigi (AN) (IT).

(74) FAGGIONI, Carlo, Maria et al. / etc.; c/o Fumero - Studio Consulenza Brevetti, via S. Agnese, 12, 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 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).

Published / Publiée : (c)

(51)⁷ A43B 13/20, 13/18

(11) WO 03/094645 (13) A1

(21) PCT/US03/14399

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,745 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FOOTWEAR SOLE COMPONENT WITH A SINGLE SEALED CHAMBER

• SEMELLE DE CHAUSSURE DOTEE D'UNE SEULE CAVITE ETANCHE

(71) NIKE INC. [US/US]; One Bowerman Drive, Beaverton, OR 97005 (US).

(only for / seulement pour JP KR)

(71) NIKE INTERNATIONAL LTD. [GB/US]; One Bowerman Drive, Beaverton, OR 97005 (US).

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

(72, 75) SWIGART, John, F. [US/US]; 14024 NW Eagleridge Lane, Portland, OR 97229 (US).

(74) EVANS, Thomas, L.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, NW, 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 A43C 15/16, B25B 13/48, 23/00, B25G 1/06, 1/00, 1/08

(11) WO 03/094646 (13) A1

(21) PCT/GB02/03051

(22) 4 Jul/juil 2002 (04.07.2002)

(25) en (26) en

(30) 0210615.1 9 May/mai 2002 GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SHOE STUD FITTING AND REMOVAL TOOL

• SYSTEME DE FIXATION POUR CRAMPON DE CHAUSSURE ET OUTIL DE RETRAIT

(71, 72) **MANNERS, Peter, Jon** [GB/GB]; 57 Lingfoot Avenue, Jordanthorpe, Sheffield S8 8DE (GB).

(74) **CLEGG, Richard, Ian**; Franks & Co., 9 President Buildings, Savile Street East, Sheffield S4 7UQ (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 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 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 **A43D 25/07**

(11) **WO 03/094647** (13) A1

(21) PCT/IB03/01858

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) BO2002A000264 **7 May/mai 2002 (07.05.2002)** IT

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR GLUING A SHOE SOLE TO A SHOE UPPER

• PROCEDE POUR COLLER UNE SEMELLE DE CHAUSSURE A UNE TIGE DE CHAUSSURE

(71, 72) **CIUCANI, Mario** [IT/IT]; C. da San Girolamo, 5/c, I-63023 Fermo (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Via delle Armi, 1, I-40137 Bologna (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 **A44B 18/00, A47G 25/90**

(11) **WO 03/094648** (13) A1

(21) PCT/NL03/00340

(22) **7 May/mai 2003 (07.05.2003)**

(25) nl (26) en

(30) 1020559 **8 May/mai 2002 (08.05.2002)** NL

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOOK AND LOPP FASTENER, A HOOK AND LOOP CONNECTING

STRIP, AND A DRESSING AID FOR, FOR EXAMPLE, COMPRESSION STOCKINGS AND COMPRESSION PANTYHOSE

• VELCRO, BANDE DE CONNEXION VELCRO ET AIDE A L'HABILLAGE, PAR EXEMPLE, POUR BAS DE CONTENTION ET COLLANT DE CONTENTION

(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]; Kummenaedestraat 18, NL-6165 BS Geleen (NL). **JOOSTEN, Carl, Johannus, Theodorus** [NL/NL]; Lindendriesstraat 18, NL-6171 PZ Meers-Stein (NL). **KIRSCHALL-MOERSKOFSKI, Anna, Bernadette** [NL/NL]; Horizonstraat 31, NL-6446 SB Brunssum (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 **A44C 13/00, 17/02**

(11) **WO 03/094649** (13) A1

(21) PCT/EP03/04749

(22) **6 May/mai 2003 (06.05.2003)**

(25) de (26) de

(30) 202 07 565.6 **14 May/mai 2002 (14.05.2002)** DE

(30) 202 10 344.7 **4 Jul/juil 2002 (04.07.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FIXING SYSTEM FOR FIXING A JEWELLERY ELEMENT TO A PIECE OF JEWELLERY AND PIECE OF JEWELLERY

• SYSTEME DE FIXATION D'UN ELEMENT DE BIJOUTERIE SUR UN BIJOU ET BIJOU CORRESPONDANT

(71) **EHINGER-SCHWARZ GMBH & CO. KG** [DE/DE]; Marktplatz 20, 89073 ULM (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHWARZ, Wolf-Peter** [DE/DE]; Marktplatz 20, 89073 ULM (DE).

(74) **KÖRBER, Wolfhart**; Mitscherlich & Partner, Sonnenstrasse 33, 80331 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 : (a)

(51)⁷ **A44C 17/02, 11/00, 9/00**

(11) **WO 03/094650** (13) A1

(21) PCT/CN02/00460

(22) **1 Jul/juil 2002 (01.07.2002)**

(25) zh (26) zh

(30) 02115209.8 **13 May/mai 2002 (13.05.2002)** CN

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A GEMSTONE AND ITS PROCESSING METHOD

• PIERRE PRECIEUSE ET SON PROCEDE DE TRAITEMENT

(71) **WU ZHOU CUIISHI GEM & JEWELRY MANUFACTURE CO., LTD.** [CN/CN]; 61#, Yi Ji, Bu Bu Road, Wuzhou, Guangxi 543002 (CN).

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

(72, 75) **CUI, Fookming** [CN/CN]; 61#, Yi Ji, Bu Bu Road, Wuzhou, Guangxi 543002 (CN).

(74) **GUANGZHOU SINO PATENT AGENT CO., LTD.**; 4th Floor, No. 87, Cangbian Road, Guangzhou, Guangdong 510030 (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 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 **A44C 17/02, 11/00, 9/00**

(11) **WO 03/094651** (13) A1

(21) PCT/CN02/00480

(22) **5 Jul/juil 2002 (05.07.2002)**

(25) zh (26) zh

(30) 02227458.8 **13 May/mai 2002 (13.05.2002)** CN

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • JEWELRY ITEM

• BIJOU

(71) **WU ZHOU CUIISHI GEM & JEWELRY MANUFACTURE CO. LTD.** [CN/CN]; #61, Yi Ji, Bu Bu Road, Wuzhou, Guangxi 543002 (CN).

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

(72, 75) **CUI, Fookming** [CN/CN]; 61#, Yi Ji, Bu Bu Road, Wuzhou, Guangxi 543002 (CN).

(74) **GUANGZHOU SINO PATENT AGENT CO., LTD.**; 4th Floor, No. 87, Cangbian Road, Guangzhou, Guangdong 510030 (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 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 A44C 25/00

(11) WO 03/094652 (13) A1

(21) PCT/KR02/01061

(22) 5 Jun/juin 2002 (05.06.2002)

(25) ko (26) en

(30) 2002/14637 U 14 May/mai 2002 KR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PENDANT FOR DECORATING
• PENDENTIF DECORATIF

(71) KOMEX CO., LTD. [KR/KR]; 215-35 Youngdung-dong, Iksan-shi, Jeollabuk-do 570-160 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNG, Jae-Jin [KR/KR]; 3-705, Woosung Apartment, 1336, Seocho-dong, Seocho-ku, Seoul 130-070 (KR).

(74) KIM, Young-Ho; Kamryoung Bldg. 3rd Floor, 153-29 Samsung-dong, Kangnam-ku 135-090 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 A44C 27/00

(11) WO 03/094653 (13) A1

(21) PCT/IT02/00610

(22) 24 Sep/sep 2002 (24.09.2002)

(25) it (26) en

(30) PD2002A000117 8 May/mai 2002 IT (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF PRODUCING FLEXIBLE, FLAT DECORATIVE ITEMS FOR JEWELLERY ARTICLES, IN PARTICULAR IN THE FORM OF CLOTHING ARTICLES OR COMPONENTS SUCH AS CLOTHS, TUNICS, RIBBONS, BELTS AND THE LIKE

• PROCEDE DE PRODUCTION D'ARTICLES DECORATIFS PLATS ET

SOUPLES POUR ARTICLES DE BIJOUTERIE, SE PRESENTANT NOTAMMENT SOUS LA FORME D'ARTICLES D'HABILLEMENT OU DE COMPOSANTS, TELS QUE DES VETEMENTS, DES TUNIKES, DES RUBANS, DES CEINTURES ET SIMILAIRE

(71) SILMAR S.P.A. [IT/IT]; Via Torino, 14, I-36060 Romano D'Ezzelino (IT).

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

(72, 75) ZEN, Marilisa [IT/IT]; Via Lugana, 5, I-36065 Mussolente (IT).

(74) FABRIS, Stefano et al. / etc.; 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 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 :

(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 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 A45C 3/00, 5/00, A45F 3/00

(11) WO 03/094654 (13) A1

(21) PCT/NZ03/00080

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 518840 8 May/mai 2002 NZ (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BACKPACK WITH COMPARTMENTS
• SAC A DOS AMEIORE

(71) MACPAC WILDERNESS EQUIPMENT LIMITED [NZ/NZ]; 11 Moncur Place, Riccarton, Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILSON, Michael, Adrian [NZ/NZ]; 62a Cannon Hill Crescent, Christchurch (NZ).
ATKINSON, John, Edward [NZ/NZ]; 777 Ellesmere Road, Christchurch (NZ).

(74) BUCHANAN, Elspeth, victoria; c/o P.L. Berry & Associates, P.O. Box 1250, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/00, A45F 4/00

(11) WO 03/094655 (13) A1

(21) PCT/US02/17222

(22) 3 Jun/juin 2002 (03.06.2002)

(25) en (26) en

(30) 10/139,790 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • UTILITY BAG
• SAC UTILITAIRE

(71, 72) GARCIA, Trinidad, III [US/US]; 1502 Crespi Drive, Oxnard, CA 93033 (US).
GARCIA, Trinidad, Jr. [US/US]; 1502 Crespi Drive, Oxnard, CA 93033 (US).

(74) COTA, Albert, O.; 5460 White Oak Avenue, Suite A-331, Encino, CA 91316 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 A45D 19/00

(11) WO 03/094656 (13) A1

(21) PCT/IB03/01861

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 2002/3778 13 May/mai 2002 ZA (13.05.2002)

(30) 2002/5250

1 Jul/juil 2002 ZA (01.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND SYSTEM FOR THE APPLICATION OF HAIR TREATMENT MEDIA
• PROCEDE ET SYSTEME D'APPLICATION D'UN AGENT DE TRAITEMENT POUR LES CHEVEUX

(71, 72) STEPHAN, Carl, Wilfred, Benjamin [ZA/ZA]; 20 Dronmedaris Street, Gordon's Bay, Western Cape Province 7150 (ZA).

(74) VON SEIDEL, Michael; 10 Leccino Terrace, Bakkershooite, Somerset West, Western Cape Province 7130 (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 A45D 24/22

(11) WO 03/094657 (13) A1

(21) PCT/KR03/00290

(22) 10 Feb/fév 2003 (10.02.2003)

(25) ko (26) en

(30) 2002/8523 21 Mar/mar 2002 KR (21.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAIRDYEING APPARATUS

• APPAREIL DE COLORATION CAPILAIRE

(71, 72) KANG, Sung Il [KR/KR]; 201-1906 Shinan apartment, 879-16 Bono-dong, Ansan-shi, 425-180 Kyunggi-do (KR).

(74) CHO, Jung Jae; WITH PATENT & LAW OFFICE, #423 Hyundai Venture Ville, 713 Susoo-dong, Kangnam-ku, 135-884 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00, 4/02

(11) WO 03/094658 (13) A1

(21) PCT/IE03/00064

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) S020337 10 May/mai 2002 IE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A DUAL PURPOSE RUCKSACK

• SAS A DOS DOUBLE EMPLOI

(71, 72) LYNAGH, John, Joseph [IE/IE]; Oakdale, Templemore, County Tipperary (IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruickshank & 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 NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A45F 3/24

(11) WO 03/094659 (13) A1

(21) PCT/EP03/05229

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210967.6 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A HAMMOCK SUPPORT SYSTEM

• SYSTEME DE SUSPENSION POUR HAMAC

(71, 72) KELSO, Paul [GB/GB]; 3 Croft Gardens, Hollywood BT18 0PD (GB).

(74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co., 9 University Street, Belfast BT7 1FY (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 A45F 5/00

(11) WO 03/094660 (13) A1

(21) PCT/CA03/00609

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 2.383.291 8 May/mai 2002 CA (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TABULAR SELF-RETRACTING DEVICE

• DISPOSITIF TUBULAIRE AUTO-RETRACTABLE

(71) RESSORT PARFAIT INC. [CA/CA]; 468 rue Bernard, Canton de Magog, Quebec J1L 1P8 (CA).

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

(72, 75) JAUVIN, Michel [CA/CA]; 941 Laroque, Sherbrooke, Quebec J1H 4R5 (CA).

(74) ROBIC; 55, rue 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 A45F 5/00, F41B 15/02

(11) WO 03/094661 (13) A1

(21) PCT/NO03/00151

(22) 9 May/mai 2003 (09.05.2003)

(25) no (26) en

(30) 20022261 13 May/mai 2002 NO (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BATON HOLDER

• PORTE-MATRAQUE

(71, 72) HESTVIK, Eric [NO/NO]; Dagaliveien 33B, N-0783 Oslo (NO).

(74) CURO AS; 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 A46B 7/06

(11) WO 03/094662 (13) A1

(21) PCT/CZ03/00028

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PUV2002-13116 14 May/mai 2002 CZ (14.05.2002)

(30) PUV2002-13117 14 May/mai 2002 CZ (14.05.2002)

(30) PUV2002-13701 26 Nov/nov 2002 CZ (26.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • The brush, especially tooth brush and that one for massages in oral cavity

• BROSSE ET, EN PARTICULIER, BROSSE A DENTS DESTINEE A MASSER LA CAVITE ORALE

(71, 72) DRASNAR, Vaclav [CZ/CZ]; Granatova 1929, 511 01 Turnov, Czech Republic (CZ).

(74) STRNAD, Vaclav; Rychtářská 375/31, 460 14 Liberec 14, Czech Republic (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 A46B 9/04

(11) WO 03/094663 (13) A2

(21) PCT/KR02/00246

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 2002/1073 8 Jan/jan 2002 KR
(08.01.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BIOTONGUE SUN (TONGUE BRUSH)
& BIOTONGUE MOON (TONGUE
MEDICINE)

• BIOLANGUE SOLEIL (BROSSE A
LANGUE) BIOLANGUE LUNE (ME-
DECINE LINGUALE)

(71, 72) KIM, Soo-Kyung [KR/KR]; Daehan In-
stitute of Preventive Oral Cancer, 45-5, Suyu-
5dong, Kang Buk-ku, Seoul 142-080 (KR).

(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).

Published / Publiée : (i)

(51)⁷ A47B 3/00, 1/02

(11) WO 03/094664 (13) A1

(21) PCT/CN03/00331

(22) 8 May/mai 2003 (08.05.2003)

(25) zh (26) zh

(30) 02220482.2 8 May/mai 2002 CN
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADJUSTABLE COLLAPSIBLE TABLE

• TABLE PLIABLE AJUSTABLE

(71) LIFETIME HONG KONG LIMITED
[CN/CN]; Room 804, 8th Floor, LC WU
Building, 302-8, Hennessy Road, Unit 804,
Wanchai, Hong Kong (CN).

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

(72, 75) HAN, Peter [CN/CN]; Jinwoong Bldg.,
N^o. 151, Yuehua Road, Huli, Industrial Zone,
Xiamen, Fujian 361006 (CN).

(74) SHOCHUANG JUNHE PATENT CO.,
LTD. XIAMEN; 5F, Labour Force Market
Building, N^o. 191 Changqing Road, Xiamen,
Fujian 361012 (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 :

(r) for the following designation / pour la
désignation suivante : US

(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 A47B 91/02

(11) WO 03/094665 (13) A1

(21) PCT/ZA03/00043

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(30) 2002/3604 7 May/mai 2002 ZA
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE TO PREVENT ROCKING OF
TABLES

• DISPOSITIF PERMETTANT D'ÉVITER
QUE DES TABLES NE BRANLENT

(71, 72) GILD, Keith [ZA/ZA]; 14 Menston
Road, Westville, Kwa Zulu Natal, 3630
DURBAN (ZA).

(74) MORRISON FORSTER INC.; FMI
House, Gleneagles Park, 10 Flanders Drive,
Mount Edgecombe, P O Box 2004, Mount
Edgecombe, 4300 DURBAN (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 A47C

(11) WO 03/094666 (13) A2

(21) PCT/US03/13269

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 60/378,236 6 May/mai 2002 US
(06.05.2002)

(30) 60/417,338 9 Oct/oct 2002 US
(09.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-LAYER CUSHION AND
COVER

• COUSSIN ET COUVERTURE MULTI-
COUCHES

(71) ROHO, INC [US/US]; 100 FLORIDA AV-
ENUE, BELLEVILLE, IL 62221 (US).

(72) SPROUSE II, Anthony, Eric; 3237
EASTRIDGE DRIVE, BELLEVILLE, IL
62221 (US). PARSONS, David, Kenneth;
229 BOURDELAIS DRIVE, SWANSEA, IL
62226 (US).

(74) RANDLE, Ned, W.; POLSTER, LIEDER,
WOODRUFF & LUCCHESI, L.C., 763
SOUTH 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/00, 7/18, 7/28, 7/40, 27/15, B60N
2/00

(11) WO 03/094667 (13) A1

(21) PCT/JP03/05841

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-138497 14 May/mai 2002 JP
(14.05.2002)

(30) 2002-138498 14 May/mai 2002 JP
(14.05.2002)

(30) 2002-138499 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VEHICLE SEAT
• SIEGE DE VÉHICULE

(71) TS TECH CO., LTD. [JP/JP]; 7-27,
Sakaecho 3-chome, Asaka-shi, Saitama
351-0012 (JP). HONDA GIKEN KOGYO
KABUSHIKI KAISHA [JP/JP]; 1-1, Mi-
namiaoyama 2-chome, Minato-ku, Tokyo
107-0062 (JP).

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

(72, 75) NAKAMURA, Mitsumasa [JP/JP];
1-8-25, Nakane, Meguro-ku, Tokyo 152-0031

(JP). FUKUDA, Takako [JP/JP]; 1065-8, Shichiri, Nikko-shi, Tochigi 321-1423 (JP).

(74) AKIYAMA, Atsushi et al. / etc.; Tomoe-cho Annex II, 8-27, 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 SE SI SK TR).

(51)⁷ A47C 7/00

(11) WO 03/094668 (13) A1

(21) PCT/KR03/00945

(22) 13 May/mai 2003 (13.05.2003)

(25) ko (26) en

(30) 20-2002-0014552 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHAIR

• CHAISE

(71, 72) KIM, Sang Sik [KR/KR]; Jindalre Apt. 6Dong 1201Ho, 538, Dogok-Dong, Kangnam-Gu, Seoul 135-270 (KR).

(74) KIM, Young Chul; Namchang Bldg. 5F, 748-16, Yiksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AM AT AU BA BR BZ CA CN CO DE DK DM EE ES FI GB GR HU ID IL IN JP KG KZ LK LU MA MN MW MX NO NZ PL PT RO RU SE SG TJ TR TZ US UZ VN YU ZA.

(51)⁷ A47C 7/14, 27/00

(11) WO 03/094669 (13) A1

(21) PCT/FR03/01451

(22) 13 May/mai 2003 (13.05.2003)

(25) fr (26) fr

(30) 02/05890 14 May/mai 2002 FR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUPPORT STRUCTURE WITH SELF-ADAPTING SUPPORT SURFACE FOR RECEIVING ANY TYPE OF BODY

• STRUCTURE D'APPUI A SURFACE D'APPUI AUTO-ADAPTABLE POUR RECEVOIR TOUT TYPE DE CORPS

(71) FORMES, TECHNOLOGIE, INNOVATION SARL [FR/FR]; 8, rue Einstein, F-25000 Besançon (FR).

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

(72, 75) FRITZ, Dominique, Henri [FR/FR]; 41 bis, avenue de Montjoux, F-25000 Besançon (FR).

(74) NITHARDT, Roland; Cabinet Nithardt et Associes S.A., B.P. 1445, F-68071 Mulhouse 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47C 7/34

(11) WO 03/094670 (13) A1

(21) PCT/KR02/00866

(22) 10 May/mai 2002 (10.05.2002)

(25) ko (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THE WAIST SPORTING GOODS

• ARTICLES D'EXERCICE POUR LA TAILLE

(71, 72) KANG, Sung-Kil [KR/KR]; 502A, Kwangmyoung apartment, 44-153 Daebong 1 dong Joonggu, Daegu metropolitan 700-809 (KR).

(74) KO, Keum-Young; 202, Chungho Building, 823-5 Youksam dong, Kangnamgu, Seoul 135-933 (KR).

(81) BR CN JP 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 A47F

(11) WO 03/094671 (13) A2

(21) PCT/US03/14454

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,773 8 May/mai 2002 US (08.05.2002)

(30) 10/155,851 24 May/mai 2002 US (24.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULAR RACK CONVERSION APPARATUS AND METHOD

• PROCEDE ET DISPOSITIF POUR CONVERTIR UN CASIER MODULAIRE

(71) L & P PROPERTY MANAGEMENT COMPANY [US/US]; 4095 Firestone Blvd., South Gate, CA 90280 (US).

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

(72, 75) THOMPSON, Steven, C. [US/US]; 54212 Pebblestone Lane, Elkhart, IN 46514 (US). WISHART, Andrew, S. [US/US]; 1 North Michigan Avenue, Massapequa, NY 11758 (US).

(74) STERN, Martin, L. et al. / etc.; Michael Best & Friedrich LLC, 401 North Michigan Avenue, Ste. 1900, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47F 5/08, A47B 57/32

(11) WO 03/094672 (13) A1

(21) PCT/SE03/00710

(22) 2 May/mai 2003 (02.05.2003)

(25) sv (26) en

(30) 0201405-8 8 May/mai 2002 SE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AT RAIL FORMED HOLLOW POSTS

• DISPOSITIF DE MONTANTS CREUX EN FORME DE RAIL

(71) SAMUELSONS INREDNINGAR AB [SE/SE]; Box 19112, S-400 12 Göteborg (SE).

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

(72, 75) HOLMSTEDT, Lars [SE/SE]; Hus 381, S-430 85 Brännö (SE). HOLM, Magnus [SE/SE]; Höjdenv 56, S-443 35 Lerum (SE).

(74) BERGENTALL, Annika et al. / etc.; Cegumark AB, PO Box 53047, S-400 14 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/20

(11) WO 03/094673 (13) A1

(21) PCT/GB03/02070

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210984.1 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A POSITIONING DEVICE

• DISPOSITIF DE POSITIONNEMENT

(71, 72) McDOWALL, Gordon [GB/GB]; Durrour, Peel Road, Thorntonhall, Glasgow G74 5AG (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/02, 7/07, A01G 5/04**
- (11) **WO 03/094674** (13) A1
- (21) PCT/AU03/00558
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) PS 2238 **10 May/mai 2002 AU (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FLOWER ARRANGEMENT ACCESSORIES
• ACCESSOIRES POUR AGENCEMENT FLORAL
- (71) **BILLION LIMITED** [GB/GB]; C/- Rawlinson and Hunter, Eagle House, 110 Jermyn Street, London SW1Y 6RH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WRIGHT, Dale, Kathleen** [AU/AU]; 79 Herron Road, Pullenvale, QLD 4069 (AU).
- (74) **AHEARN FOX**; Patent and Trade Mark Attorneys, GPO Box 1149, Brisbane, QLD 4001 (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 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 **A47G 11/00**
- (11) **WO 03/094675** (13) A1
- (21) PCT/BE03/00076
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 2002/0307 **8 May/mai 2002 BE (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • TABLE CLOTH
• NAPPE
- (71) **CONVOID, BESLOTEN VEN-NOOTSCHAP MET BEPERKTE AANSPRAKELIJKHEID** [BE/BE]; Diestersteenweg 130, B-3510 Hasselt (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEYSSENS, Marc, Antoine, Elisabeth, Christian, Micel** [BE/BE]; Diestersteenweg 130, B-3510 Hasselt (BE). **WILLEMS,**

- Peggy, Maria, Raymond** [BE/BE]; Diestersteenweg 130, B-3510 Hasselt (BE).
- (74) **DONNÉ, E.**; Bureau M.F.J. Bockstael 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 **A47G 25/06**
- (11) **WO 03/094676** (13) A1
- (21) PCT/NL03/00345
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) nl (26) en
- (30) 1020574 **10 May/mai 2002 NL (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CLOTHING RACK
• CHEVALET A VETEMENTS
- (71) **FLEXRACK B.V.** [NL/NL]; L.G. van Heutselaan, NL-3743 JM Baarn (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROENENDIJK, Gert, Jan** [NL/NL]; Ouderdonk 14, NL-3632 XC Loenen a/d Vecht (NL).
- (74) **JILDERDA, Anne, Ayolt et al.** / etc.; P.O. Box 13363, NL-3507 LJ Utrecht (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 **A47G 25/36**
- (11) **WO 03/094677** (13) A1
- (21) PCT/SE02/02390
- (22) **19 Dec/déc 2002 (19.12.2002)**
- (25) sv (26) en
- (30) 0201444-7 **14 May/mai 2002 SE (14.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • HANGER
• CINTRE POUR VETEMENTS
- (71) **GREEN HANGER COMPANY AB** [SE/SE]; Henrik Palenes Allé 16, S-182 63 Djursholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLLSTRÖM, Philip** [SE/SE]; Fimbulvägen 8, S-182 63 Djursholm (SE).
- (74) **ERIKSSON, Kjell**; Norrtelje Patentbyrå AB, P.O. Box 38, S-761 21 Norrtälje (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 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 03/094678** (13) A2
- (21) PCT/CA03/00663
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 60/379,703 **10 May/mai 2002 US (10.05.2002)**
- (30) 60/379,698 **10 May/mai 2002 US (10.05.2002)**
- (30) 60/379,636 **10 May/mai 2002 US (10.05.2002)**
- (30) 60/379,634 **10 May/mai 2002 US (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • UTENSIL HAVING INTEGRATED LIP
• USTENSILE COMPRENANT UNE LEVRE INTEGREE
- (71, 72) **CORNFIELD, Randall** [CA/CA]; 5516 Ashdale, Montreal, Quebec H4W 3G4 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47J

(11) WO 03/094679 (13) A2

(21) PCT/US03/13373

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 60/379,337 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPECTROSCOPIC ANALYZER FOR
BLENDER

• ANALYSEUR SPECTROSCOPIQUE
POUR MELANGEUR

(71) EURO-CELTIQUE, S.A. [LU/LU]; 122,
boulevard de la Petrusse, L-2330 Luxem-
bourg (LU).

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

(72, 75) GEHRLEIN, Lane [US/US]; 207 Glen-
wood 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).

(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).

(51)⁷ A47J 19/02

(11) WO 03/094680 (13) A1

(21) PCT/DK03/00310

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PA 2002 00728 13 May/mai 2002 DK
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PACKAGING FOR FRUIT

• EMBALLAGE POUR FRUITS

(71) CLASEN & EJBYS A/S [DK/DK]; Arnold
Nielsens Boulevard 68C, DK-2650 Hvidovre
(DK).

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

(72, 75) RASMUSSEN, Bjørn, Ejby [DK/DK];
Møllevænget 35, DK-2800 Kgs. Lyngby
(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 A47J 31/40, 31/42

(11) WO 03/094681 (13) A1

(21) PCT/IB03/01773

(22) 7 May/mai 2003 (07.05.2003)

(25) it (26) en

(30) MI2002A000973 9 May/mai 2002 IT
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MACHINE FOR PREPARING BEVER-
AGES

• MACHINE A PRÉPARER LES BOIS-
SONS

(71) RHEAVENDORS SPA [IT/IT]; Via Trieste,
49, I-21042 Caronno Pertusella (IT).

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

(72, 75) MAJER DOGLIONI, Luca [IT/IT];
Via de Cristoforis, 14/16, I-22010 Carate
Urio (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

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(51)⁷ A47J 31/44, 31/06, 31/40

(11) WO 03/094682 (13) A1

(21) PCT/EP03/04236

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/142,454 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS FOR BREWING A BEV-
ERAGE

• APPAREIL D'INFUSION DE BOISSON

(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 SZ 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) MORDINI, Mauro, Dominick; Unilever
Bestfoods, North America, 800 Sylvan Av-
enue, Englewood Cliffs, NJ 07632 (US).
CRIGLIANO, Michael, Charles; Unilever
Bestfoods, North America, 800 Sylvan Av-
enue, Englewood Cliffs, NJ 07632 (US).
VAITKUS, Joseph; 12 Mary Lane, Green-
vale, NY 11548 (US).

(74) THACKER, Michael, Anthony; Unilever
PLC, Patent Department, Colworth House,
Sharnbrook, Bedford, Bedfordshire MK44
ILQ (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).

Published / Publiée : (c)

(51)⁷ A47J 36/38

(11) WO 03/094683 (13) A1

(21) PCT/IT03/00287

(22) 14 May/mai 2003 (14.05.2003)

(25) it (26) en

(30) AR2002A000018 14 May/mai 2002 IT
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDENSER FOR FOOD COOKING
CONTAINER OR POT
• CONDENSATEUR POUR MARMITE
OU RECIPIENT DE CUISSON D'ALI-
MENTS(71, 72) ALUNNI, Luciano [IT/IT]; Via San-
drelli, 24, I-52042 Camucia Cortona (IT).(74) IANNONE, Carlo, Luigi et al. / etc.;
Ing. Barzanó & Zanardo Roma S.p.A., Via
Piemonte, 26, I-00187 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).(51)⁷ A47J 39/00

(11) WO 03/094684 (13) A1

(21) PCT/BE02/00075

(22) 14 May/mai 2002 (14.05.2002)

(25) nl (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR
CONSERVING FOOD PREPARATIONS
AT CONSUMPTION TEMPERATURE
• PROCEDE ET APPAREIL DE CONSER-
VATION DES PREPARATIONS ALI-
MENTAIRES A LA TEMPERATURE
DE CONSOMMATION(71) LEDA TECHNOLOGIES, NAAMLOZE
VENNOOTSCHAP [BE/BE]; Bisschoppen-
hoflaan 491, B-2100 Deurne (BE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BRAEKEN, Hugo [BE/BE]; Meylstraat
2, B-2540 Hove (BE).(74) CALLEWAERT, Koen; Bureau Callewaert,
Brusselsesteenweg 108, B-3090 Overijse
(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 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 A47K 10/36

(11) WO 03/094685 (13) A1

(21) PCT/JP02/04447

(22) 7 May/mai 2002 (07.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PAPER HOLDER

• SUPPORT DE PAPIER

(71, 72) SAKAI, Ryusuke [JP/JP]; 233, Umemo-
rizaka 1-chome, Meito-ku, Nagoya-shi, Aichi
465-0065 (JP).(74) SHIMIZU, Yoshihisa; Sassa Center Bldg.,
13-18, Aoi 1-chome, Higashi-ku, Nagoya-shi,
Aichi 461-0004 (JP).(81) AU BG BR CA CN JP KR MN MX NO NZ
PL RO RU SG US VN YU ZA.(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ A47L 9/10, E01H 1/04, 1/05

(11) WO 03/094686 (13) A1

(21) PCT/US03/06884

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 10/092,152 6 Mar/mar 2002 US
(06.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LITTER VACCUM

• APPAREIL A DECHETS A VIDE

(71) MINUTEMAN INTERNATIONAL, INC.
[US/US]; 111 S.Rohling Road, Addison, IL
60101-4244 (US).(72) SMITH, Wilton, E.; P.O. Box 948, Raeford,
North NC 28376 (US). PALMER, Gary, E.;
2195 Cowpath Road, Buchanan, TN 38222
(US). MONDIGO, Jesse, V.; 1608 Palomino
Drive, Aurora, IL 60504 (US). STRICK-
LAND, Timothy, A.; 2198 Horace Walters
Road, Raeford, NC 28376 (US).(74) HILL, Thomas, E et al. / etc.; Emrich &
Dithmar, 300 South Wacker Drive, Suite
3000, Chicago, IL 60606 (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 A47L 11/162, 11/40

(11) WO 03/094687 (13) A1

(21) PCT/IT03/00261

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) RE2002A000040 14 May/mai 2002 IT
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A FLOOR CLEANER, IN PARTICULAR
A SINGLE BRUSH CLEANER• APPAREIL DE NETTOYAGE DES
SOLS, PLUS PARTICULIEREMENT
APPAREIL DE NETTOYAGE A BROSSSE
UNIQUE(71) ALL-MEC S.R.L. [IT/IT]; no. 14/A-16, Via
G. di Vittorio, I-42010 Rio Saliceto (IT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TASSELLI, Daniele [—/IT]; no. 29, Via
dei Martiri, I-42010 Rio Saliceto (IT).(74) GIANELLI, Alberto; c/o Bugnion S.p.A.,
no. 25, Via Emilia Est, I-41100 Modena (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).

Published / Publiée : (c)

(51)⁷ A47L 11/34, 11/283

(11) WO 03/094688 (13) A1

(21) PCT/NL03/00347

(22) 12 May/mai 2003 (12.05.2003)

(25) nl (26) en

(30) 1020598 14 May/mai 2002 NL
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLOOR CLEANING DEVICE

• DISPOSITIF DE NETTOYAGE DE SOL

(71) USF EBE B.V. [NL/NL]; 12, Utrechtaven,
NL-3433 PN Nieuwegein (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VAN HOUTEN, Adrianus, Gerardus
[NL/NL]; 3, de Groes, NL-3998 MB Schalk-
wijk (NL).(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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 13/22

(11) WO 03/094689 (13) A1

(21) PCT/DE03/01493

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 060.8 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLEANING DEVICE FOR FLOORS
• DISPOSITIF DE NETTOYAGE POUR
DES SOLS(71, 72) TIEN, Dieter [DE/DE]; Graf-Luckner-
Str.25a, 48527 Nordhorn (DE).(72, 75) BUSCHER, Guido [DE/DE];
Geisinkstr. 11, 48529 Nordhorn (DE).(74) TARVENKORN, Oliver; Hoffmeister &
Tarvenkorn, Goldstrasse 36, 48147 Münster
(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 RU SC SD
SG 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).

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(51)⁷ A47L 13/30, B43K 1/06, 8/12, B05C
11/00, 21/00, A46B 5/02, 11/02, A45C
13/22, A47K 7/02

(11) WO 03/094690 (13) A1

(21) PCT/US03/12469

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 10/141,087 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLEANING UTENSIL
• USTENSILE DE NETTOYAGE(71) WKI HOLDING COMPANY, INC.
[US/US]; Suite 600, 11911 Freedom Drive,
Reston, VA 20190 (US).(72) ZAMANSKY, Noah, A.; 273 W. 10th Street,
Apt. 1RE, New York, NY 10014 (US). CAL-
ENDRILLE, John, L.; 11 Keswick Lane,
Plainview, NY 11803 (US).(74) STOTLAND, Harold, V.; Seyfarth Shaw, 55
East Monroe Street, Suite 4200, 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).(51)⁷ A47L 19/00

(11) WO 03/094691 (13) A1

(21) PCT/KR03/00920

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-0025972 10 May/mai 2002 KR
(10.05.2002)(30) 10-2003-0028956 7 May/mai 2003 KR
(07.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STERILIZER USING ULTRAVIOLET
LIGHT• STERILISATEUR A L'AIDE DE LU-
MIERE ULTRAVIOLETTE(71, 72) HWANG, Kyocheon [KR/KR]; #101
366-121 Shindang3-dong, Jung-gu, Seoul
100-453 (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 A61B

(11) WO 03/094692 (13) A2

(21) PCT/CN03/00347

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 60/380,383 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUPREME DISTRACTER
• DISTRACTEUR SUPREME(71) THE UNIVERSITY OF HONG KONG
[CN/CN]; G18, Eliot Hall, Pokfulam Road,
Hong Kong (CN).(72) IP, Wingyuk; Block 20, 17/F, Flat E, Laguna
City, Lam Tin, Kowloon, Hong Kong (CN).
CHENG, Chihang, Daniel; Room 1814, Fu
Tsui House, Wan Tsui Estate, Chaiwan, 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 UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CGCI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ A61B

(11) WO 03/094693 (13) A2

(21) PCT/IL02/00962

(22) 28 Nov/nov 2002 (28.11.2002)

(25) en (26) en

(30) 60/378,725 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOW POWER CONSUMPTION IM-
PLANTABLE PRESSURE SENSOR• DETECTEUR DE PRESSION IMPLAN-
TABLE A FAIBLE CONSOMMATION
DE COURANT(63) US 10/076,869 (CIP)
15 Feb/fév 2002 (15.02.2002)(71) BIOCONTROL MEDICAL LTD. [IL/IL];
3 Giron Street, 56100 Yehud (IL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) COHEN, Ehud [IL/IL]; 8 HaCarmel
Street, 55900 Ganei Tikva (IL). VAINGAST,
Shai, Moshe [IL/IL]; 10 Moshe Dayan Street,
56450 Yehud (IL). BETSER, Nir [IL/IL]; 37
Mohliher Street, 56208 Yehud (IL). GROSS,
Yossi [IL/IL]; 10 HaNorea Street, 73160
Moshav Mazor (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 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 SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ A61B

(11) WO 03/094694 (13) A2

(21) PCT/IL03/00359

(22) 4 May/mai 2003 (04.05.2003)

(25) en (26) en

(30) 60/378,387 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAND HELD DEVICE FOR INHALA-
TION THERAPY AND METHOD OF
USE THEREOF• APPAREIL A MAIN D'INHALOTHE-
RAPIE ET PROCEDE D'UTILISATION(71) MEDIHALE LTD. [IL/IL]; 4A Hagavish
St., 42101 Netanya (IL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LEV, Nimrod [IL/IL]; Haveradim 1,
56905 Ganey Yehuda (IL). LANDAU, Eitan
[IL/IL]; Hapodim 23, 52566 Ramat Gan

- (IL). AVIRAM, Shirit [IL/IL]; 4A Hagavish Street, 42101 Netanya (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 A61B
- (11) WO 03/094695 (13) A2
- (21) PCT/IL03/00371
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 60/378,409 8 May/mai 2002 US (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SENSITIZED ONLINE BOLD-MRI IMAGING METHOD
- PROCEDE D'IMAGERIE IRM BOLD SENSIBILISE EN LIGNE
- (71) YEDA RESEARCH AND DEVELOPMENT CO. LTD [IL/IL]; at the Weizmann Institute of Science, P.O.Box 95, 76100 Rehovot (IL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SALOMON, Yoram [IL/IL]; 43B Gordon Street, 76287 Rehovot (IL). NEEMAN, Michal [IL/IL]; 10 Hagoren Street, 76804 Mazkeret Batya (IL). SCHERZ, Avigdor [IL/IL]; 4 Tor Ha'aviv Street, 76329 Rehovot (IL). GROSS, Shimon [IL/IL]; 10/43 Moshe Porer Street, 76653 Rehovot (IL). GILEAD, Assaf [IL/IL]; 18A Zedekiyahoo Street, 34408 Haifa (IL).
- (74) BEN-AMI, Paulina; Ben-Ami & Associates, P.O.Box 94, 76100 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 A61B
- (11) WO 03/094696 (13) A2
- (21) PCT/US03/13918
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 10/143,671 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MAGNETIC RESONANCE IMAGING
- IMAGERIE PAR RESONANCE MAGNETIQUE
- (71, 72) HAACKE, E., Mark [US/US]; 440 East Ferry Street, Unit 2, Detroit, MI 48202 (US).
- (74) SMITH, Clyde, L.; 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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094697 (13) A2
- (21) PCT/US03/14304
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/379,140 8 May/mai 2002 US (08.05.2002)
- (30) 10/291,202 7 Nov/nov 2002 US (07.11.2002)
- (30) PCT/US02/35932 7 Nov/nov 2002 US (07.11.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS AND COMPOSITIONS FOR CORRECTION OF CARDIAC CONDUCTION DISTURBANCES
- METHODES ET COMPOSITIONS POUR LA CORRECTION DE TROUBLES DE LA CONDUCTION CARDIAQUE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94604-5200 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Randall, J. [US/US]; University of California, Cardiac Electrophysiology, Rm. MU429, 500 Parnasus Avenue, San Francisco, CA 94143 (US).
- (74) FRANCIS, Carol, L.; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, 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 A61B
- (11) WO 03/094698 (13) A2
- (21) PCT/US03/14434
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/378,985 9 May/mai 2002 US (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BONE MILLING INSTRUMENT
- INSTRUMENT DE FRAISAGE D'OS
- (71) HAYES MEDICAL, INC. [US/US]; Suite 100, 1115 Windfield Way, El Dorado Hills, CA 95762-9623 (US).
- (72) SERRA, Michael, A.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (US). HANSON, Shaun, B.; 2726 King Richard Drive, El Dorado Hills, CA 95762 (US). DESPRESS, Alfred, S., III; 4607 Hillwood Drive, Shingle Springs, CA 95862 (US).
- (74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154-1914 (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 A61B
- (11) WO 03/094699 (13) A2
- (21) PCT/US03/14615
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 60/379,167 8 May/mai 2002 US (08.05.2002)
- (30) 60/390,181 19 Jun/juin 2002 US (19.06.2002)
- (30) 60/417,722 9 Oct/oct 2002 US (09.10.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DYNAMIC FIXATION DEVICE AND METHOD OF USE
- DISPOSITIF DE FIXATION DYNAMIQUE ET PROCEDE D'UTILISATION
- (71, 72) RITLAND, Stephen [US/US]; 1150 N. San Francisco Street, Flagstaff, AZ 86001 (US).

(74) YASKANIN, Mark, L. 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094700 (13) A2

(21) PCT/US03/14741

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,986 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND INSTRUMENTS FOR INSERTING MODULAR IMPLANT COMPONENTS

• PROCEDE ET INSTRUMENTS PERMETTANT D'INTRODUIRE DES COMPOSANTES D'IMPLANT MODULAIRE

(71) HAYES MEDICAL, INC. [US/US]; 1115 Windfield Way, Suite 100, El Dorado Hills, CA 95762-9623 (US).

(72) PUBOLS, Steven, C.; 6180 Cobblestone Road, Placerville, CA 95667 (US). SERRA, Michael, A.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (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).

(51)⁷ A61B

(11) WO 03/094701 (13) A2

(21) PCT/US03/14956

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,372 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NEEDLE GUIDE SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE GUIDAGE D'AIGUILLE

(71, 72) SONEK, Jiri, D. [US/US]; 540 Rustic Trail, Beavercreek, OH 45434 (US).

(74) IERY, Clare, M. et al. / etc.; DINSMORE & SHOHL LLP, 1900 Chemed Center, 255 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094702 (13) A2

(21) PCT/US03/14961

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,213 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INSTRUMENT-HOLDING PROJECTION IMAGING VECTOR GUIDE AND METHOD OF USE

• GUIDE PORTE-INSTRUMENT POUR VECTEUR D'IMAGERIE PAR PROJECTION ET METHODE D'UTILISATION

(71) THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).

(72) CHAKERES, Donald, W.; 2274 Club Road, Columbus, OH 43221 (US).

(74) GILCREST, Roger, A. et al. / etc.; Standley & Gilcrest LLP, Suite 210, 495 Metro Place South, 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094703 (13) A2

(21) PCT/US03/14996

(22) 13 May/mai 2003 (13.05.2003)

(25) en

(26) en

(30) 60/379,933 13 May/mai 2002 US (13.05.2002)

(30) 10/435,883 12 May/mai 2003 US (12.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TISSUE ENGINEERED OSTEOCHONDRAL IMPLANT

• IMPLANT OSTEOCHONDRAL ISSU DU GENIE TISSULAIRE

(63) US 60/379,933 (CIP)

13 May/mai 2002 (13.05.2002)

US Not furnished /

non communiqué (CIP)

12 May/mai 2003 (12.05.2003)

(71) ARTICULAR ENGINEERING, LLC [US/US]; 1818 Skokie Boulevard, Suite 158, Northbrook, IL 60062 (US).

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

(72, 75) MASUDA, Koichi [JP/US]; 827 Laverne Avenue, Wilmette, IL 60091 (US). HEJNA, Michael, J. [US/US]; 236 Shenstone Road, Riverside, IL 60546 (US). PFISTER, Brian, E. [US/US]; 108 16th Street, Wilmette, IL 60091 (US).

(74) GUTERMAN, Sonia, K.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo PC, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094704 (13) A2

(21) PCT/US03/15320

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/144,662 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADAPTABLE BLOOD PROCESSING PLATFORMS

• PLATEFORMES DE TRAITEMENT DE SANG ADAPTABLES

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) JOIE, Michel; Rue Camille Cals 13, B-4030 Erange (BE). WESTBERG, Tom; 17820 Pond Ridge Circle, Gurnee, IL 60031 (US). NIEMOTKA, Michael; 279 lenox lane, Mundelein, IL 60060 (US).

(74) PRICE, Bradford, R.L. et al. / etc.; Baxter Healthcare Corporation, Route 120 & Wilson Road, Round Lake, IL 60073 (US).

(81) AU BR CA 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 SE SI SK TR).

(51)⁷ A61B 3/024, 3/06

(11) WO 03/094705 (13) A1

(21) PCT/NL03/00336

(22) 7 May/mai 2003 (07.05.2003)

(25) nl (26) en

(30) 1020561 8 May/mai 2002 NL
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR DETERMINING THE PROMINENCE OF AN OBJECT

• DISPOSITIF ET PROCÉDE DE DÉTERMINATION DE LA PROÉMINENCE D'UN OBJET

(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) WERTHEIM, Alexander, Hans [NL/NL]; Van Beuningenstraat 37, NL-3953 BP Maarsbergen (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 A61B 3/14, 1/04, 1/06

(11) WO 03/094706 (13) A1

(21) PCT/AU03/00564

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) PS 2190 8 May/mai 2002 AU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGING APPARATUS AND ADAPTORS THEREFOR

• DISPOSITIF D'IMAGERIE ET ADAPTATEURS CORRESPONDANTS

(71) THE LIONS EYE INSTITUTE OF WESTERN AUSTRALIA INCORPORATED [AU/AU]; 2 Verdun Street, Nedlands, Perth, Western Australia 6009 (AU).
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(71, 72) YOGESAN, Kanagasingam [AU/AU]; 20 Clifton Street, Nedlands, Perth, Western Australia 6009 (AU). CONSTABLE, Ian, Jeffrey [AU/AU]; 2 Verdun Street, Nedlands, Perth, Western Australia 6009 (AU). SUTPLEWSKI, Gabriel [AU/AU]; 15 Lexington Heights, Currambine, Perth, Western Australia 6028 (AU). GUILLON, Jean-Pierre [AU/AU]; 2 Verdun Street, Nedlands, Perth, Western Australia 6009 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, 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).

(51)⁷ A61B 5/00, A61C 19/04

(11) WO 03/094707 (13) A1

(21) PCT/CA03/00652

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 2,385,527 9 May/mai 2002 CA
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DETECTING DENTAL APICAL FORAMINA

• DETECTION D'UN FORAMEN API-CAL

(71) NEKS TECHNOLOGIES INC. [CA/CA]; Suite 221, 230 Bernard Belleau, Laval, Quebec H7V 4A9 (CA).

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(72, 75) KARAZIVAN, Naim [CA/CA]; c/o Neks Technologies Inc., Suite 221, 230 Bernard-Belleau, Laval, Quebec H7V 4A9 (CA). MONTINI, Emmanuel [CA/CA]; 62 chemin des Pins, Ste-Anne-des-Lacs, Quebec J0R 1B0 (CA). AYOTTE, François [CA/CA]; 7436 des Tilleuls, Laval, Quebec H7A 2P8 (CA).

(74) GOUDREAU GAGE DUBUC; Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montreal, Quebec 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 NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 5/00

(11) WO 03/094708 (13) A1

(21) PCT/DE03/01377

(22) 29 Apr/avr 2003 (29.04.2003)

(25) de (26) de

(30) 102 21 179.5 13 May/mai 2002 DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAL APPARATUS OPERATED BY MEANS OF AN ERROR-PROTECTED WIRELESS COMMUNICATION METHOD

• APPAREIL MEDICAL ET PROCÉDE DE COMMUNICATION SANS FIL SANS ERREUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) GRUND-RUFFANI, Joachim [DE/DE]; Hauptstr. 43, 91361 Pinzberg (DE). HEISERHOLT, Georg [DE/DE]; Obere Büch 8, 91054 Buckenhof (DE). KAGERMEIER, Robert [DE/DE]; Ebermannstädter Str. 14, 90427 Nürnberg (DE). STAAB, Reiner [DE/DE]; Lindenstr. 101, 91083 Baiersdorf (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 NI NO NZ OM PH PL 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)
(u) for / pour US only / seulement

(51)⁷ A61B 5/00, G06F 19/00

(11) WO 03/094709 (13) A1

(21) PCT/EP03/04725

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 21 324.0 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR THE MEASUREMENT,
RECORDING AND STORAGE OF
PHYSIOLOGICAL DATA AND THE
SENSITIVITY VALUES OF A PATIENT

• DISPOSITIF POUR MESURER, ENRE-
GISTRER ET STOCKER DES DON-
NEES PHYSIOLOGIQUES ET DES
VALEURS DE SENSIBILITE D'UN PA-
TIENT

(71, 72) VON ZITZEWITZ, Falk [DE/DE];
Schillerplatz 7, 71638 Ludwigsburg (DE).

(74) HEUMANN, Christian; Furtwänglerstrasse
91, 70195 Stuttgart (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 NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/00

(11) WO 03/094710 (13) A2

(21) PCT/EP03/04834

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,640 9 May/mai 2002 US
(09.05.2002)

(30) 60/428,145 21 Nov/nov 2002 US
(21.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDIUM FOR CONTRAST EN-
HANCEMENT OR CONVENIENCE
FOR ULTRASONIC, ENDOSCOPIC,
AND OTHER MEDICAL EXAMINA-
TIONS

• MILIEU D'AMELIORATION DE
CONTRASTE OU COMMODITE POUR
EXAMENS ULTRASONIQUES, ENDO-
SCOPIQUES ET AUTRES EXAMENS
MEDICAUX

(71) ECHOGYN LLC [US/US]; 107 Balsam
Street, Oceanside, NY 11572 (US).

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

(72, 75) DE ZIEGLER, Dominique [CH/CH];
22, chemin des Molliès, CH-1293 Bellevue
(CH).

(74) KEEN, Celia, Mary 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/00

(11) WO 03/094711 (13) A1

(21) PCT/EP03/04946

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 201.5 13 May/mai 2002 DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONITORING SYSTEM FOR AN
INDIVIDUAL AND COMPONENTS
THEREOF

• SYSTEME DE SURVEILLANCE D'IN-
DIVIDUS ET SES ELEMENTS CONSTI-
TUTIFS

(71, 72) MUGLIA, Henry, Arthur [DE/DE];
Balanstrasse 136, 81539 München (DE).

(74) FRIESE, Martin; Andrae Flach Haug, Bal-
anstrasse 55, 81541 München (DE) 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 5/00

(11) WO 03/094712 (13) A2

(21) PCT/IB03/01751

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 02010426.1 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR POINT OF CARE DIAG-
NOSIS AND/OR ANALYSIS

• SYSTEME DE DIAGNOSTIC ET/OU
D'ANALYSE INSTALLE SUR LE LIEU
D'ADMINISTRATION DES SOINS

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
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les États désignés sauf DE US)

(72, 75) SEHER, Jens-Peter [DE/DE]; c/o
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PROSS, Gerhard [DE/DE]; c/o Philips
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Christopher, Sprague [DE/DE]; c/o Philips
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(74) MEYER, Michael; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstr. 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 A61B 5/00, G06F 17/60

(11) WO 03/094713 (13) A1

(21) PCT/KR03/00949

(22) 14 May/mai 2003 (14.05.2003)

(25) ko (26) en

(30) 10-2002-0026511 14 May/mai 2002 KR
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BLOOD SUGAR TESTER AND DATA
UPLOADING METHOD

• GLUCOMETRE ET PROCEDE DE
TRANSFERT DE DONNEES

(71) MEDIVENTURE CO., LTD. [KR/KR];
4F, Sammi Bldg., 1004, Daechi-dong, Gang-
nam-gu, Seoul 135-851 (KR).
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les États désignés sauf US)

(72, 75) LEE, Min-Hwa [KR/KR]; 3F, Sammi
Bldg., 1004, Daechi-dong, Gangnam-gu,
Seoul 135-851 (KR). KIM, Moon-Soo
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Daechi-dong, Gangnam-gu, Seoul 135-851
(KR).

(74) KIM, Samsoo; 701 Sungji Heights III,
642-6, Yoksam-dong, Kangnam-gu, Seoul
135-717 (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 A61B 5/00

(11) WO 03/094714 (13) A1

(21) PCT/US03/13199

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/141,375 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAL TIME SELF-ADJUSTING CALIBRATION ALGORITHM

• ALGORITHME D'ETALONNAGE A AJUSTEMENT AUTOMATIQUE EN TEMPS REEL

(71) MEDTRONIC MINIMED, INC. [US/US]; 18000 Devonshire Street, Northridge, CA 91325-1219 (US).

(72) SHIN, John, J.; 1025 Geneva Street, Glendale, CA 91207 (US). HOLTZCLAW, Kris, R.; 23515 Lyons Avenue, #15, Valencia, CA 91355 (US). DANGUI, Nandita, D.; 10560 Wilshire, #1303, Los Angeles, CA 90024 (US). KANDERIAN, Sami, Jr.; 9810 Zelzah Avenue, Apt. 220, Northridge, CA 91325 (US). MASTROTOTARO, John, J.; 10642 Lindbrook Drive, Los Angeles, CA 90024 (US). HONG, Peter, I.; 28030 Kenton Lane, Santa Clarita, CA 91350 (US).

(74) YOON, Richard, K.; Medtronic MiniMed, Inc., 18000 Devonshire Street, Northridge, CA 91325-1219 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00

(11) WO 03/094715 (13) A1

(21) PCT/US03/14283

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,437 7 May/mai 2002 US (07.05.2002)

(30) 60/412,359 20 Sep/sep 2002 US (20.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEMS AND METHODS FOR DETECTING VULNERABLE PLAQUE

• SYSTEMES ET PROCEDES DE DETECTION DE PLAQUE VULNERABLE

(71) VOLCANO THERAPEUTICS, INC. [—/US]; 26061 Merit Circle, Suite 103, Laguna Hills, CA 92653 (US).

(72, 75) MAAHS, Tracy [US/US]; 11 Paseo Simpatico, Rancho Santa Margarita, CA 92688 (US). FLORES, Jesus [US/US]; 2113 Rive Road, Perris, CA 92570 (US). CAMPBELL, Thomas, H. [CA/US]; 254 Jeter Street, Redwood City, CA 94062 (US). DICKENS, Duane [US/US]; 23 Cartagena Avenue, San Clemente, CA 92672 (US).

(74) CANTER, Bruce, M.; Stradling Yocca Carlson & Rauth, 660 Newport Center Drive, Suite 1600, 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 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 A61B 5/00, 5/022

(11) WO 03/094716 (13) A1

(21) PCT/US03/14731

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,224 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING BLOOD PARAMETERS AND VITAL SIGNS OF A PATIENT

• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER DES PARAMETRES DU SANG ET DES SIGNES VITAUX D'UN PATIENT

(71) ABBOTT LABORATORIES [US/US]; Dept. 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

(72) LEIDEN, Jeffrey, M.; 196 Beach Road, Glencoe, IL 60022 (US). KHALIL, Omar, S.; 1506 Portwine Court, Libertyville, IL 60048 (US). SHAIN, Eric, B.; 459 Grove Street, Glencoe, IL 60022 (US). KANTOR, Stanislaw; 485 Satinwood Terrace, Buffalo Grove, IL 60089 (US). YEH, Shu-jen; 920 Stratford Ct., Grayslake, IL 60030 (US). KOZIARZ, James, J.; 24 South Deere Park Drive, Highland Park, IL 60035 (US). HANNA, Charles, F.; 410 West Lincoln Avenue, Libertyville, IL 60048 (US). WU, Xiaomao; 17188 W. Gurnee Glen, Gurnee, IL 60031 (US). HOHS, Ronald, R.; 8533 33rd Avenue, Kenosha, WI 53142 (US).

(74) WEINSTEIN, David, L. et al. / etc.; Dept 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (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).

Published / Publiée : (c)

(51)⁷ A61B 5/024, D04B 1/24 // A41D 13/00, 31/00

(11) WO 03/094717 (13) A1

(21) PCT/IB03/01780

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 0210888.4 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TEXTILE ARTICLE HAVING ELECTRICALLY CONDUCTIVE PORTIONS AND METHOD FOR PRODUCING THE SAME

• ARTICLE TEXTILE COMPORTANT DES PARTIES ELECTRO-CONDUCTRICES ET SON PROCEDE DE PRODUCTION

(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) VALENTINE, Warren B. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). TILBURY, Nancy, A. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). WAGNER, Philippa, C. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). ARCHER, Isabel [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). MAMA, Kyriakos [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; 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 A61B 5/024, 5/16

(11) WO 03/094718 (13) A1

(21) PCT/JP03/05829

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/134129 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AMENITY CALCULATING METHOD AND DEVICE

• DISPOSITIF ET PROCEDE D'EVALUATION DU CONFORT

(71) **TOSHIBA TEC KABUSHIKI KAISHA** [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).
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(72, 75) **IKUMI, Tomonori** [JP/JP]; 29-13, Nishioze-cho, Numazu-shi, Shizuoka 410-0313 (JP). **WATANABE, Mika** [JP/JP]; Minamifutsukamachi Twin Bldg.305, 10-18, Minamifutsukamachi, Mishima-shi, Shizuoka 411-0832 (JP).

(74) **NISHIWAKI, Tamio** et al. / etc.; Ginza Gas Hall Bldg.3F, 9-15, Ginza 7-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 KE KG KP KR KZ LC LK LR LS 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).

(51)⁷ **A61B 5/04**

(11) **WO 03/094719** (13) A1

(21) PCT/US03/13986

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 60/379,723 **10 May/mai 2002 (10.05.2002)** US

(30) 60/419,159 **17 Oct/oct 2002 (17.10.2002)** US

(30) 10/366,441 **13 Feb/fév 2003 (13.02.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **WOVEN ELECTRONIC TEXTILE, YARN AND ARTICLE**

• **FIL ET ARTICLE TEXTILE DANS LEQUEL EST TISSÉ UN CIRCUIT ÉLECTRONIQUE**

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, Princeton, NJ 08543-5300 (US).

(72) **HILL, Ian, G.**; 206 Wilson Avenue, Hightstown, NJ 08520 (US). **TROTZ, Seth**; 13 Gray Farm Road, Littleton, MA 01460 (US). **RIDDLE, George, Herbert Needham**; 21 Grover Avenue, Princeton, NJ 08540 (US). **PALANISAMY, Ponnusamy**; 133 Claremont Drive, Lansdale, PA 19446 (US). **CARPINELLI, Joseph, M.**; 39 Pine Knoll Drive, Lawrenceville, NJ 08648 (US). **MATTHIES, Dennis, L.**; 387 Nassau Street, Princeton, NJ 08540 (US).

(74) **BERARD, Clement, A.**; DANN, DORFMAN, HERRELL and SKILLMAN, P.C., 1601 Market Street, Suite 720, Philadelphia, PA 19103-2307 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/0404, H04M 11/04, 1/53, H04Q 7/14**

(11) **WO 03/094720** (13) A1

(21) PCT/CA03/00648

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 2,385,232 **7 May/mai 2002 (07.05.2002)** CA

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **REMOTE MONITORING OF CARDIAC ELECTRICAL ACTIVITY USING A CELL PHONE DEVICE**

• **SURVEILLANCE À DISTANCE DE L'ACTIVITÉ ÉLECTRIQUE CARDIAQUE À L'AIDE D'UN TÉLÉPHONE CELLULAIRE**

(71, 72) **BATKIN, Izmail** [CA/CA]; 911G-Elmsmere Road, Gloucester, Ontario K1J 8G4 (CA). **BRUN DEL RE, Riccardo** [CA/CA]; 1105 Grenon Avenue, Ottawa, Ontario K2B 1A9 (CA). **CARKNER, Steven** [CA/CA]; 720 River Road, R.R. #1, Manotick, Ontario K4M 1B2 (CA). **BROOKES, Robert, T.** [CA/CA]; 3375 Carling Avenue, Nepean, Ontario K2H 7V5 (CA).

(74) **FRENCH, David, J.**; P.O. Box 2486, Stn. D, Ottawa, Ontario K1P 5W6 (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 **A61B 5/0464**

(11) **WO 03/094721** (13) A1

(21) PCT/CN03/00271

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) en (26) en

(30) 10/141,104 **7 May/mai 2002 (07.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **A BAYESIAN DISCRIMINATOR FOR RAPIDLY DETECTING ARRHYTHMIAS**

• **DISCRIMINATEUR BAYÉSIEN POUR LA DÉTECTION RAPIDE D'ARYTHMIAS**

(71) **THE UNIVERSITY OF HONG KONG** [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).

(72) **XU, Weichao**; Room 709, Zi-Jing-Ge, Bai-Hua-Er Road, Shenzhen, Guangdong 518030 (CN). **TSE, Hungfat**; Flat B, 30/F., Goldwin Heights, 2 Seymour Road, Midlevel, Hong Kong (CN). **CHAN, HY, Francis**; Flat 9A, Block 1, 25 Sha Wan Drive, Pokfulam, Hong Kong (CN). **FUNG, Chinwan, Peter**; Flat 20A, Block 1, 25 Sha Wan Drive, Pokfulam, Hong Kong (CN). **LAU, Chupak**; Flat 19, Silver Crest, 24 MacDonnell Road, Midlevel, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/05, 5/053, 18/14**

(11) **WO 03/094722** (13) A1

(21) PCT/AU03/00560

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) PS 2265 **13 May/mai 2002 (13.05.2002)** AU

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **A MULTI-ELECTRODE LEAD**

• **FIL À ÉLECTRODES MULTIPLES**

(71) **ADVANCED METAL COATINGS PTY LIMITED** [AU/AU]; ABN 23 089 310 421, 95 Macquarie Street, Roseville, NSW 2069 (AU).

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(72, 75) **ANDERSON, Neil, Lawrence** [AU/AU]; C/-95 Macquarie Street, Roseville, NSW 2069 (AU). **CHONG, Evan** [AU/AU]; C/-95 Macquarie Street, Roseville, NSW 2069 (AU).

(74) **F B RICE & CO**; 605 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/05, H04N 13/00

(11) WO 03/094723 (13) A1

(21) PCT/IL03/00376

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,684 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR IN VIVO SENSING

• SYSTEME ET PROCEDE DE DETECTION IN VIVO

(71) GIVEN IMAGING LTD. [IL/IL]; P.O.B. 258, 20692 Yoqneam Ilite (IL).

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

(72, 75) GLUKHOVSKY, Arkady [IL/US]; 21340 Adler Drive, Apt #203, Santa Clarita, CA 91321 (US). PALT, Yoram [IL/IL]; 51 Ruth Street, 34404 Haifa (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 RO SE SI SK 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, 5/107

(11) WO 03/094724 (13) A1

(21) PCT/NO03/00157

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 20022310 14 May/mai 2002 NO
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VOLUME SPECIFIC CHARACTERIZATION OF HUMAN SKIN BY ELECTRICAL IMMITANCE

• CARACTERISATION DE LA PEAU HUMAINE SPECIFIQUE AU VOLUME PAR IMMITANCE ELECTRIQUE

(71) IDEX ASA [NO/NO]; P.O.Box 519, N-1385 Asker (NO).

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

(72, 75) MARTINSEN, Ørjan, G. [NO/NO]; Fagerstrandveien 30, N-1368 Stabekk (NO). GRIMNES, Sverre [NO/NO]; Uranienborgveien 10, N-0258 Oslo (NO).

(74) PROTECTOR IP 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 (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)

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 A61B 5/05, 5/00

(11) WO 03/094725 (13) A1

(21) PCT/US02/37786

(22) 25 Nov/nov 2002 (25.11.2002)

(25) en (26) en

(30) 10/127,745 22 Apr/avr 2002 US
(22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTI-INFLAMMATORY BIOSENSOR FOR REDUCED BIOFOULING AND ENHANCED SENSOR PERFORMANCE

• BIOCAPTEUR ANTI-INFLAMMATOIRE PERMETTANT D'OBTENIR UN ENCRASSEMENT BIOLOGIQUE REDUIT ET PRESENTANT UN FONCTIONNEMENT AMELIORE

(71) MEDTRONIC MINIMED, INC. [US/US]; 18000 Devonshire Street, Northridge, CA 91325-1219 (US).

(72) VACHON, David, J.; 16107 Harvest Street, Granada Hills, CA 91344 (US).

(74) CANADY, Karen, S.; Gates & Cooper LLP, Suite 1050, 6701 Center Drive West, 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 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 SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/053

(11) WO 03/094726 (13) A1

(21) PCT/NO03/00148

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 2002 2218 8 May/mai 2002 NO
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR MONITORING THE AUTONOMOUS NERVOUS SYSTEM OF A SEDATED PATIENT

• PROCEDE ET APPAREIL POUR SURVEILLER LE SYSTEME NERVEUX AUTONOME D'UN PATIENT SOUS SEDATIFS

(71, 72) STORM, Hanne [NO/NO]; Gimle terrasse 4, N-0167 OSLO (NO).

(74) ONSAGERS AS et al. / etc.; 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).

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(51)⁷ A61B 5/055, G01R 33/20

(11) WO 03/094727 (13) A1

(21) PCT/JP03/05820

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-136415 13 May/mai 2002 JP
(13.05.2002)

(30) 2002-136416 13 May/mai 2002 JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETIC RESONANCE IMAGING SYSTEM

• SYSTEME D'IMAGERIE PAR RESONANCE MAGNETIQUE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

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(72, 75) TAKESHIMA, Hirotaka [JP/JP]; 3-3-16, Koshiba, Ryugasaki-shi, Ibaraki

- 301-0044 (JP). **WATANABE, Shigeru** [JP/JP]; 5-12-9, Matsumaedai, Moriya-shi, Ibaraki 302-0102 (JP). **TAKAHASHI, Tet-suhiko** [JP/JP]; 3-4-24-910, Sakae-cho, Soka-shi, Saitama 340-0011 (JP). **SUZUKI, Tsutomu** [JP/JP]; 7-5, Miyako, Abiko-shi, Chiba 270-1102 (JP).
- (74) **KASUGA, Yuzuru**; 7F., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (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 A61B 5/055

(11) WO 03/094728 (13) A1

(21) PCT/US03/14978

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,154 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • VELOCITY-SELECTIVE ARTERIAL SPIN LABELING WITHOUT SPATIAL SELECTIVITY

• MARQUAGE DE SPINS ARTERIELS PAR SELECTION DES VITESSES ET SANS SELECTION SPATIALE

(63) US 60/378,154 (CIP) 13 May/mai 2002 (13.05.2002)

- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of the President, 1100 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WONG, Eric, C.** [US/US]; 12236 Ragweed Street, San Diego, CA 92129 (US). **LIU, Thomas** [US/US]; 7526 Rock Canyon Drive, San Diego, CA 92126 (US).

(74) **AL, Bing**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/103, 5/107

(11) WO 03/094729 (13) A1

(21) PCT/SE03/00715

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 0201365-4 7 May/mai 2002 SE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD AND APPARATUS FOR DIAGNOSING VENOUS DISEASE IN THE LOWER LIMBS

• PROCEDE ET APPAREIL DESTINES A DIAGNOSTIQUER DES MALADIES VEINEUSES DANS LES MEMBRES INFÉRIEURS

(71, 72) **NILSSON, Stefan** [SE/SE]; Breitenfeldsgatan 1, 3 tr t v, S-11524 Stockholm (SE).

(74) **CONIMAR AB**; Box 2086, S-14102 Huddinge (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 RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/107, 17/34

(11) WO 03/094730 (13) A1

(21) PCT/US03/14227

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,091 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • STOMA MEASURING DEVICE

• DISPOSITIF DE MESURE D'UNE STOMIE

(71) **SHERWOOD SERVICES AG** [CH/CH]; Bahnhofstrasse 29, CH-8200 Schaffhausen (CH).

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

(72, 75) **MEIER, Kevin, C.** [US/US]; 6931 Greenholly Drive, Affton, MO 63123 (US).

(74) **O'BRIEN, Elizabeth, A.**; Tyco Healthcare Group LP, 15 Hampshire St., Mansfield, MA 02048 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/15

(11) WO 03/094731 (13) A1

(21) PCT/JP03/05578

(22) 1 May/mai 2003 (01.05.2003)

(25) ja

(26) ja

(30) 2002-167855 7 May/mai 2002 JP (07.05.2002)

(30) 2003-74592 13 Feb/fév 2003 JP (13.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PAINLESS BLOOD COLLECTION METHOD

• PROCEDE DE PRELEVEMENT SANGUIN INDOLORE

(71, 72) **NAKAYAMA, Toru** [JP/JP]; 21-15, Amanuma 1-chome, Suginami-ku, Tokyo 167-0032 (JP). **NAKAYAMA, Mariko** [JP/JP]; 21-15, Amanuma 1-chome, Suginami-ku, Tokyo 167-0032 (JP). **NAKAYAMA, Masafumi** [JP/JP]; 21-15, Amanuma 1-chome, Suginami-ku, Tokyo 167-0032 (JP). **NAKAYAMA, Takayuki** [JP/JP]; 21-15, Amanuma 1-chome, Suginami-ku, Tokyo 167-0032 (JP).

(74) **NAKAYAMA, Toru**; 21-15, Amanuma 1-chome, Suginami-ku, Tokyo 167-0032 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 5/22, 5/103, A63B 21/00

(11) WO 03/094732 (13) A1

(21) PCT/AU03/00544

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PS 2186 7 May/mai 2002 AU (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • EVALUATING SUSCEPTIBILITY TO MUSCLE INJURY

• EVALUATION DE LA SUSCEPTIBILITE AUX LESIONS MUSCULAIRES

(71) **MONASH UNIVERSITY** [AU/AU]; Clayton Road, Clayton, Victoria 3168 (AU).
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(72, 75) **MORGAN, David, L.** [AU/AU]; 20 Alimar Road, Glen Waverley, Victoria 3150 (AU). **PROSKE, Uwe** [AU/AU]; 8 Allison Avenue, Glen Iris, Victoria 3146 (AU). **BROCKETT, Camilla, L.** [AU/AU]; 3/15 Howitt Street, Kingston, Australian Capital Territory 2604 (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).

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(54) • APPARATUS AND METHOD FOR REDUCING IMAGE ARTEFACTS

• APPAREIL ET PROCÉDE POUR RÉDUIRE LES ARTEFACTS D'IMAGES

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
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(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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(25) en (26) en

(30) 10/144,007 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGING METHODS AND APPARATUS PARTICULARLY USEFUL FOR TWO AND THREE-DIMENSIONAL ANGIOGRAPHY

• PROCÉDE ET DISPOSITIF D'IMAGERIE PARTICULIÈREMENT UTILES DANS L'ANGIOGRAPHIE BI- ET TRI-DIMENSIONNELLE

(71) MEDIMAG C.V.I. LTD. [IL/IL]; P.O. Box 753, 44 106 Kfar Saba (IL).
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(72, 75) KEREN, Hanan [IL/IL]; 43 Hagalil Street, 44 235 Kfar Saba (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 A61B 6/03, A61L 31/02, A61F 2/06

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(21) PCT/US03/13421

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/140,738 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CUSTOMIZED MATERIAL FOR IMPROVED RADIOCAPACITY

• MATERIAU ADAPTE PERMETTANT D'AMÉLIORER LA RADIOOPACITÉ

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55331-1566 (US).

(72) KNAPP, David; 1352 Goodrich Avenue, Saint-Paul, MN 55105 (US). BERG, Brian, T.; 1687 Minnehaha Avenue, W., Saint Paul, MN 55104 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 6/03

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(30) 60/379,547 10 May/mai 2002 US (10.05.2002)

(30) 10/389,090 14 Mar/mar 2003 US (14.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CT IMAGE RECONSTRUCTION METHOD

• PROCÉDE DE RECONSTRUCTION D'IMAGES TOMODENSITOMÉTRIQUES

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(72) KATSEVICH, Alexander; 88 Tomoka Drive, Oviedo, FL 32765 (US).

(74) STEINBERGER, Brian, S.; Law Offices of Brian S. Steinberger, P.A., 101 Brevard Avenue, Cocoa, FL 32922 (US).

(81) AE AG AL AM AT AU AZ 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 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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(30) 2002-136105 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CARDIAC MUSCLE FUNCTION EVALUATION SYSTEM

• SYSTÈME D'ÉVALUATION DE LA FONCTION DU MUSCLE CARDIAQUE

(71) THE KANSAI ELECTRIC POWER CO., INC. [JP/JP]; 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 (JP).
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(72, 75) **ISHII, Katsuhisa** [JP/JP]; c/o THE KANSAI ELECTRIC POWER CO., INC., 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 (JP). **HIROSE, Michio** [JP/JP]; c/o THE KANSAI ELECTRIC POWER CO., INC., 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 (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 **A61B 05/00**

(11) **WO 03/094738** (13) A1

(21) PCT/US03/13882

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) 60/380,094 **6 May/mai 2002 (06.05.2002)** US

(30) 10/424,656 **28 Apr/avr 2003 (28.04.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS FOR ESTIMATING HEMODYNAMIC PERFORMANCE

• APPAREIL D'ÉVALUATION DES PERFORMANCES HEMODYNAMIQUES

(71) **RIC INVESTMENTS, INC.** [US/US]; 801 West Street, 2nd Floor, Wilmington, DE 19801-1545 (US).

(72) **ORR, Joseph, A.**; 2645 Sackett Drive, Park City, UT 84098 (US). **KÜCK, Kai**; Klabundeweg 7, 22359 Hamburg (DE). **BREWER, Lara**; 33 Orchard Lane, Bountiful, UT 84103 (US). **JAFFE, Michael, B.**; 410 Mountain Road, Cheshire, CT 06410 (US).

(74) **GASTINEAU, Cheryl, L. et al.** / etc.; Reed Smith LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(81) AU BR 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).

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(51)⁷ **A61B 17/00**

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(25) en (26) en

(30) 0210363.8 **7 May/mai 2002 (07.05.2002)** GB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN ASSEMBLY FOR USE IN ORTHOPAEDIC SURGERY

• ENSEMBLE A UTILISER EN CHIRURGIE ORTHOPÉDIQUE

(71) **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).

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(72, 75) **ORTON, Marcus** [GB/GB]; 40 Heath Drive, Boston Spa LS23 6PB (GB).

(74) **BELCHER, Simon, James**; Urquhart-Dykes & Lord, Tower House, Merrion 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 **A61B 17/00, 17/03**

(11) **WO 03/094740** (13) A1

(21) PCT/SE03/00656

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) en (26) en

(30) 60/378,356 **8 May/mai 2002 (08.05.2002)** US

(30) 0201398-5 **8 May/mai 2002 (08.05.2002)** SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISSOLVABLE MEDICAL SEALING DEVICE

• DISPOSITIF DE FERMETURE MÉDICAL SOLUBLE

(71) **RADI MEDICAL SYSTEMS AB** [SE/SE]; Palmbladsgatan 10, S-754 50 UPPSALA (SE).

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(72, 75) **TENERZ, Lars** [SE/SE]; Björkhagsvägen 24, S-752 46 Uppsala (SE). **ÅKERFELDT, Dan** [SE/SE]; Nyvå, S-755 92 UPPSALA (SE). **MATHISEN, Torbjörn** [NO/SE]; Torsterövägen 11, S-125 42 ÄLVISJÖ (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB**; P.O. Box 17192, Maria Skolgata 83, S-104 62 Stockholm (SE).

(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 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 17/00**

(11) **WO 03/094741** (13) A2

(21) PCT/US03/13292

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) 60/378,569 **6 May/mai 2002 (06.05.2002)** US

(30) 10/202,918 **25 Jul/juil 2002 (25.07.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MINIMALLY INVASIVE INSTRUMENTS AND METHODS FOR INSERTING IMPLANTS

• INSTRUMENTS MINIMALEMENT INVASIFS ET PROCÉDES PERMETTANT D'INSÉRER DES IMPLANTS

(71) **SDGI HOLDINGS, INC.** [US/US]; 300 Delaware Avenue Suite 508, Wilmington, DE 19801 (US).

(72) **LIM, Roy, K.**; 8245 Vardon Lane, Apartment Number 101, Cordova, TN 38016 (US). **SHERMAN, Michael, C.**; 5854 Haymarket Road, Memphis, TN 38120 (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).

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 **A61B 17/00, 17/04**

(11) **WO 03/094742** (13) A1

(21) PCT/US03/13970

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/138,565 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PFO CLOSURE DEVICES AND RELATED METHODS OF USE

- DISPOSITIFS DE FERMETURE D'UNE PERSISTANCE DU FORAMEN OVALE ET PROCÉDES D'UTILISATION ASSOCIÉS

(71) VELOCIMED, LLC [US/US]; 11400 73rd Avenue North, Suite 134, Maple Grove, MN 55369 (US).

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(72, 75) BLAESER, David, J. [US/US]; 7218 110th Circle North, Champlin, MN 55316 (US). KEITH, Peter, T. [US/US]; 1477 Grantham Street, St. Paul, MN 55108 (US). GRUDEM, Jerome, K., Jr. [US/US]; 2901 Salem Avenue, St. Louis Park, MN 55416 (US). OLSON, Scott, A. [US/US]; 26585 136th Street, Zimmerman, MN 55398 (US). HACKETT, Steven, S. [US/US]; 8490 Rosewood Court North, Maple Grove, MN 55369 (US). RESSEMANN, Thomas, V. [US/US]; 2009 25th Street South, St. Cloud, MN 56301 (US). PHILLIPS, Joel, D. [US/US]; 4326 Sheridan Avenue North, Minneapolis, MN 55412 (US). CHRISTIANSON, Mark, R. [US/US]; 27823 668th Avenue, Darwin, MN 55324 (US). WAHR, Dennis, W. [US/US]; 2976 Hickory Lane, Ann Arbor, MI 48104 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 60/379,971 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WOUND CLOSURE MATERIAL APPLICATOR AND STAPLER

- MATÉRIAU POUR FERMETURE DE PLAIE ET AGRAFEUSE

(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 Greatquarter Road, Sandy Hook, CT 06482 (US).

(74) AUDET, Paul, R.; Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 60/379,327 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENDOSCOPIC ORGAN RETRACTOR AND METHOD OF USING THE SAME

- RETRACTEUR D'ORGANE ENDOSCOPIQUE ET TECHNIQUE D'UTILISATION DE CELUI-CI

(71) TYCO HEALTHCARE GROUP LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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(72, 75) ORBAN, Joseph, III [US/US]; 78 Fallow Street, Norwalk, CT 06856 (US).

(74) PERRY, Kimberly, V. et al. / etc.; Tyco Healthcare Group LP, 10 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 60/379,961 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROSURGICAL STAPLING APPARATUS

- DISPOSITIF D'AGRAFAGE ELECTRO-CHIRURGICAL

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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(71, 72) HEINRICH, Russell [US/US]; 104 Jesswig Drive, Hamden, CT 06517 (US). VIOLA, Frank, J. [US/US]; 320 Greatquarter Road, Sandy Hook, CT 06482 (US).

(74) AUDET, Paul, R. et al. / etc.; Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 60/379,956 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SURGICAL STAPLING APPARATUS HAVING A WOUND CLOSURE MATERIAL APPLICATOR ASSEMBLY

- APPAREIL D'AGRAFAGE CHIRURGICAL DOTE D'UN ENSEMBLE APPLICATEUR DE MATIERE DE FERMETURE DE PLAIE

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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

(72, 75) VIOLA, Frank, J. [US/US]; 320 Greatquarter Road, Sandy Hook, CT 06482 (US).

(74) AUDET, Paul, R. et al. / etc.; Tyco Healthcare Group, LP, 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 17/072

(11) WO 03/094747 (13) A1

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(25) en (26) en

(30) 60/380,348 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SURGICAL STAPLER AND DISPOSABLE LOADING UNIT HAVING DIFFERENT SIZE STAPLES

• AGRAFEUSE CHIRURGICALE ET UNITE DE CHARGEMENT JETABLE PRESENTANT DES AGRAFES DE DIFFERENTES TAILLES

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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

(71, 72) VIOLA, Frank, J. [US/US]; 320 Greatquarter Road, Sandy Hook, CT 06482 (US).

(74) AUDET, Paul, R.; Tyco Healthcare Group, LP, 150 Glover Avenue, Norwalk, CT 06856 (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).

Published / Publiée : (c)

(51)⁷ A61B 17/08

(11) WO 03/094748 (13) A1

(21) PCT/US03/13464

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/142,735 10 May/mai 2002 US (10.05.2002)

(30) 10/143,514 10 May/mai 2002 US (10.05.2002)

(30) 10/142,736 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLUG WITH COLLET AND DETACHABLE GUIDEWIRE ELEMENT FOR POSITIONING VASCULAR CLOSURE DEVICES AND METHODS FOR USE

• BOUCHON A MANDRIN ET ELEMENT DE TYPE GUIDE FIL DETACHABLE PERMETTANT LE POSITIONNEMENT DE DISPOSITIFS D'OBTURATION VASCULAIRE ET SES PROCÉDES D'UTILISATION

(71) CORE MEDICAL, INC. [US/US]; 743 Pastoria Avenue, Sunnyvale, CA 94086-2918 (US).

(72) GINN, Richard, S.; 297 Marti Way, San Jose, CA 95136 (US). WALLACE, Daniel, T.; 621 Glenloch Way, Redwood City, CA 94062 (US). LADUCA, Robert, C.; 150 Davenport Landing Road, Davenport, CA 95017 (US).

(74) GERIAK, James et al. / etc.; Orrick Herrington & Sutcliffe LLP, 4 Park Plaza, Suite 1600, Irvine, CA 92614-2558 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/08

(11) WO 03/094749 (13) A1

(21) PCT/US03/13883

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/141,510 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEMS, METHODS, AND COMPOSITIONS FOR ACHIEVING CLOSURE OF VASCULAR PUNCTURE SITES

• SYSTEMES, PROCÉDES ET COMPOSITIONS PERMETTANT D'OBTURER LES SITES DE PERFORATION VASCULAIRES

(71) NEOMEND, INC. [US/US]; 675 Palomar Avenue, Sunnyvale, CA 94085 (US).

(72) ADDIS, Bruce; 905 Emerald Hill Road, Redwood City, CA 94061 (US). MILO, Charles; 167 Owens Court, Mountain View, CA 94043 (US). HNOJEWYJ, Olexander; 13925 Trinity Avenue, Saratoga, CA 95070 (US).

(74) RYAN, Daniel, D. et al. / etc.; Post Office Box 26618, Milwaukee, WI 53226 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 17/08

(11) WO 03/094750 (13) A1

(21) PCT/US03/14059

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,715 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TISSUE JOINING DEVICES CAPABLE OF DELIVERY OF BIOACTIVE AGENTS AND METHODS FOR USE THEREOF

• DISPOSITIFS DE LIAISON DE TISSU CAPABLES D'ADMINISTRER DES AGENTS BIOACTIFS ET PROCÉDES D'UTILISATION ASSOCIES

(71) DREXEL UNIVERSITY [US/US]; 32nd and Chestnut Streets, Philadelphia, PA 19104 (US).

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(72, 75) WHEATLEY, Margaret, A. [US/US]; 7 Camby Chase, Media, PA 19063 (US). BROOKS, Ari, D. [US/US]; 45 Cameo Drive, Cherry Hill, NJ 08003 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 17/12

(11) WO 03/094751 (13) A1

(21) PCT/US03/14580

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,724 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MECHANISM FOR THE DEPLOYMENT OF ENDOVASCULAR IMPLANTS

• MECANISME DE DEPLOIEMENT D'IMPLANTS ENDOVASCULAIRES

(71) MICROVENTION, INC. [US/US]; 72 Argonaut, Aliso Viejo, CA 92656 (US).

(72) FERRERA, David, A.; 2001 Lynngrove Drive, Manhattan Beach, CA 90266 (US). GREENE, JR., George, R.; 3019 Java Road, Costa Mesa, CA 92626 (US). COX, Brian; 3 Novilla, Laguna Niguel, CA 92677 (US). ROSENBKUTH, Robert, F.; 24161 Cherry Hills Place, Laguna Niguel, CA 92677 (US).

(74) KLEIN, Howard, J.; KLEIN, O'NEILL & SINGH, LLP, 2 Park Plaza Suite 510, 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 MK MN MW MX MZ 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).

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(51)⁷ A61B 17/14

(11) WO 03/094752 (13) A1

(21) PCT/US02/19188

(22) 12 Jun/juin 2002 (12.06.2002)

(25) en (26) en

(30) 10/127,201 19 Apr/avr 2002 US (19.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SAMPLING MODULE DEVICE AND METHOD

• DISPOSITIF DE MODULE DE PRELEVEMENT ET PROCEDE

(63) US 60/298,055 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/298,126 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/297,861 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/298,001 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/298,056 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/297,864 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 60/297,860 (CIP)
12 Jun/juin 2001 (12.06.2001)
US 10/127,201 (CIP)
19 Apr/avr 2002 (19.04.2002)

(71) PELIKAN TECHNOLOGIES, INC. [US/US]; 1072 East Meadow Circle, Palo Alto, CA 94303 (US).

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

(71, 72) HARTMANN, Han, Joachim [DE/DE]; Wenher-Von-Braun Strasse 9, 55129 Mainz (DE). WEBER, Lutz [DE/DE]; Amerikas-trasse 21, 66482 Zweibrücken (DE).

(72, 75) FREEMAN, Dominique, M. [GB/US]; 4545 La Honda Road, La Honda, CA 94020 (US). BOECKER, Dirk [DE/US]; 1652 Casteilleja Avenue, Palo Alto, CA 94306 (US). ALDEN, Don [US/US]; 1312 Nelson Way, Sunnyvale, CA 94087 (US).

(74) SEIDMAN, Stephanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4350 La Jolla Village, 7th Floor, San Diego, CA 9122-1246 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 A61B 17/16, A61F 2/46

(11) WO 03/094753 (13) A1

(21) PCT/GB03/01914

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0210362.0 7 May/mai 2002 GB (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN ASSEMBLY FOR USE IN ORTHOPAEDIC SURGERY

• ENSEMBLE DESTINE A ETRE UTILISE EN CHIRURGIE ORTHOPEDIQUE

(71) DEPUY INTERNATIONAL LIMITED [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).

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

(72, 75) ORTON, Marcus [GB/GB]; 40 Heath Drive, Boston Spa LS23 6PB (GB). MOORE, Gary [GB/GB]; 74 Aire Road, Wetherby LS22 7UE (GB).

(74) BELCHER, Simon, James; Urquhart-Dykes & Lord, Tower House, Merrion 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/22

(11) WO 03/094754 (13) A1

(21) PCT/US03/14774

(22) 9 May/mai 2003 (09.05.2003)

(25) en

(26) en

(30) 60/379,378 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ORGAN RETRACTOR AND METHOD OF USING THE SAME

• RETRACTEUR D'ORGANE ET PROCEDE D'UTILISATION DE CELUI-CI

(71) TYCO HEALTHCARE GROUP LP [US/US]; 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(72, 75) HEINRICH, Russell [US/US]; 104 Jess-wig Drive, Hamden, CT 06517 (US).

(74) PERRY, Kimberly, V. et al. / etc.; Tyco Healthcare Group LP, 10 Glover Avenue, Norwalk, CT 06850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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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(11) WO 03/094755 (13) A1

(21) PCT/EP03/04289

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 102 22 042.5 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GRIPPING ARRANGEMENT FOR A MEDICINAL INSTRUMENT AND ONE SUCH MEDICINAL INSTRUMENT

• DISPOSITIF DE PREHENSION D'UN INSTRUMENT MEDICAL ET INSTRUMENT MEDICAL EN QUESTION

(71) KARL STORZ GMBH & CO. KG [DE/DE]; Mittelstrasse 8, 78532 Tuttlingen (DE).

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

(72, 75) SZABO, Zoltan [US/US]; 153 State Street, San Francisco, CA 94114 (US).

(74) HEUCKEROTH, Volker et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 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 RO SE SI SK TR).

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(51)⁷ A61B 17/32, B26B 13/28

(11) WO 03/094756 (13) A1

(21) PCT/EP03/04378

(22) 26 Apr/avr 2003 (26.04.2003)

(25) de (26) de

(30) 102 21 321.6 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAL SCISSORS

• CISEAUX A USAGE MEDICAL

(71) AESCULAP AG & CO. KG [DE/DE]; Am
Aesculap-Platz, 78532 Tuttlingen (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DWORSCHAK, Manfred [DE/DE];
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LUTZE, Theodor [DE/DE]; Hochstattweg 6,
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[DE/DE]; Fronhofstraße 26, 78532 Tut-
tlingen-Nendingen (DE). WEISSHAUPT,
Dieter [DE/DE]; Bachzimmerer Ösch 10,
78194 Immendingen (DE).(74) BÖHME, Ulrich; Hoeger, Stellrecht & Part-
ner, Uhlandstrasse 14c, 70182 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 RO SE
SI SK TR).(51)⁷ A61B 17/32

(11) WO 03/094757 (13) A1

(21) PCT/US02/14677

(22) 9 May/mai 2002 (09.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SCALPEL

• SCALPEL

(71, 72) GOODWIN, J., C. [US/US]; 1316 W.
Gurley Street, Prescott, AZ 86305 (US).(74) FOLEY, William J. Cahill, Sutton &
Thomas P.L.C.; 2141 E. Highland Avenue,
Ste. 155, Phoenix, AZ 85016 (US).(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ A61B 17/32, 19/00

(11) WO 03/094758 (13) A1

(21) PCT/US03/13614

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/140,309 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR EN-
DOSCOPIC CARDIAC SURGERY• METHODES ET APPAREIL DE CHI-
RURGIE CARDIAQUE ENDOSCO-
PIQUE(71) ORIGIN MEDSYSTEMS, INC. [US/US];
1525 O'Brien Drive, Menlo Park, CA 94025
(US).(72) CHIN, Albert, K.; 2021 Newell Road, Palo
Alto, CA 94303 (US). MASSETTI, Patrick,
J.; 12 Avila Road, San Mateo, CA 94402
(US).(74) SMITH, Albert, K. et al. / etc.; Fenwick &
West LLP, Silicon Valley Center, 801 Californ-
ia Street, Mountain View, CA 94041 (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 17/34, 19/00

(11) WO 03/094759 (13) A1

(21) PCT/FR03/01455

(22) 13 May/mai 2003 (13.05.2003)

(25) fr (26) fr

(30) 02/05848 13 May/mai 2002 FR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR POSITIONING ON A PA-
TIENT AN OBSERVATION AND/OR IN-
TERVENTION DEVICE• SYSTEME DE POSITIONNEMENT
SUR UN PATIENT D'UN DISPOSITIF
D'OBSERVATION ET/OU D'INTER-
VENTION(71) PERCEPTION RAISONNEMENT AC-
TION EN MEDECINE [FR/FR]; 4, avenue
de L'Obiou, F-38700 La tronche (FR).
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les États désignés sauf US)(72, 75) BERKELMAN, Peter [FR/FR]; 18 Bis,
Rue de la Magnanerie, F-38000 Grenoble
(FR). CINQUIN, Philippe [FR/FR]; 15,
chemin de la Bastille, F-38700 La Tronche
(FR). JACQUET, Alain [FR/FR]; Le Re-
plat, F-38570 Moretel de Mailles (FR).
ARNAULT, Jean [FR/FR]; Cidex 639, 425,
Chemin de la Veyrie, F-38330 Saint Nazaire
les Eymes (FR).(74) DE BEAUMONT, Michel; Cabinet Michel
de Beaumont, 1, rue Champollion, F-38000
Grenoble (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 A61B 17/34

(11) WO 03/094760 (13) A2

(21) PCT/US03/12894

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 60/379,651 10 May/mai 2002 US
(10.05.2002)(30) 10/264,556 4 Oct/oct 2002 US
(04.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRODUCER SEAL ASSEMBLY

• JOINT D'ETANCHEITE POUR INTRO-
DUCTEUR(71) TYCO HEALTHCARE GROUP LP
[US/US]; 150 Glover Avenue, Norwalk, CT
06856 (US).(72) SMITH, Robert, C.; 40 Old Towne Road,
Cheshire, CT 06410 (US).(74) PERRY, Kimberly, V.; 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 17/56

(11) WO 03/094761 (13) A1

(21) PCT/US02/40379

(22) 18 Dec/déc 2002 (18.12.2002)

(25) en (26) en

(30) 10/143,120 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPLE DIAMETER TANGENTIAL
SET SCREW• BOULON DE FIXATION TANGENTIEL
A PLUSIEURS DIAMETRES(71, 72) JACKSON, Roger, P. [US/US]; Suite
600, 2750 Clay Edwards Drive, North Kansas
City, MO 64116 (US).(74) MCMAHON, John, C.; P.O. Box 30069,
Suite 410, 4700 Bellevue, Kansas City, MO
64112 (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 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 A61B 17/56

(11) WO 03/094762 (13) A2

(21) PCT/US03/14824

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,371 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR LAMINECTOMY

• METHODE DE LAMINECTOMIE

(71, 72) **BOEHM, Frank, H., Jr.** [US/US]; 2408 Genesee Street, Utica, NY 13501 (US). **MELNICK, Benedetta, D.** [US/US]; 1406 Schuyler Street, Rome, NY 13440 (US).

(74) **FARRELL, Paul, J.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **A61B 17/74, 17/72**

(11) **WO 03/094763** (13) A1

(21) PCT/EP03/05060

(22) **14 May/mai 2003 (14.05.2003)**

(25) de (26) de

(30) 202 07 733.0 **14 May/mai 2002 DE (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **OSTEOSYNTHESIS DEVICE**
• **DISPOSITIF D'OSTEOSYNTHESE**

(71) **TANTUM AG** [DE/DE]; Mühlenhof 65, 24534 Neumünster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENSEN, Harm-Iven** [DE/DE]; Haf-fkamp 16, 24214 Noer (DE). **SCHOLZ, Hans-Joachim** [DE/DE]; Tannhäuserring 10, 68199 Mannheim (DE). **NIEMAX, Heinrich** [DE/DE]; Klosterstrasse 123, 24534 Neumünster (DE).

(74) **WENZEL & KALKOFF**; Grubesallee 26, 22143 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 18/14**

(11) **WO 03/094764** (13) A1

(21) PCT/AU03/00559

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) PS 2264 **13 May/mai 2002 AU (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AN ABLATION CATHETER**
• **CATHETER D'ABLATION**

(71) **ADVANCED METAL COATINGS PTY LIMITED** [AU/AU]; ABN 23 089 310 421, 95 Macquarie Street, Roseville, NSW 2069 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSON, Neil, Lawrence** [AU/AU]; C/-95 Macquarie Street, Roseville, NSW 2069 (AU). **CHONG, Evan** [AU/AU]; C/-95 Macquarie Street, Roseville, NSW 2069 (AU).

(74) **F B RICE & CO**; 605 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 18/14**

(11) **WO 03/094765** (13) A2

(21) PCT/US03/13775

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/380,142 **6 May/mai 2002 US (06.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHOD AND SYSTEM FOR POWER LINE NETWORK FAULT DETECTION AND QUALITY MONITORING**
• **PROCEDE ET SYSTEME DE DETECTION DE DEFAILLANCES ET DE SURVEILLANCE DE LA QUALITE D'UN RESEAU DE DISTRIBUTION DE COURANT ELECTRIQUE**

(71) **ENIKIA LLC** [US/US]; 948 U.S. Highway #22 East, North Plainfield, NJ 07060 (US).

(72) **LOGVINOV, Oleg**; 27 Beacon Hill Drive, East Brunswick, NJ 08816 (US). **DURFEE, Lawrence, F.**; 85 Lenape Trail, Washington, NJ 07882 (US). **WALVIS, Dick**; 214 Calcita Drive, Santa Cruz, CA 95060 (US).

(74) **HILDEBRAND, Christa** et al. / etc.; Norris, McLaughlin & Marcus, 220 East 42nd Street - 30th Floor, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 18/16**

(11) **WO 03/094766** (13) A2

(21) PCT/US03/13510

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(30) 10/142,253 **9 May/mai 2002 US (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SELF-LIMITING ELECTROSURGICAL RETURN ELECTRODE**
• **ELECTRODE DE REFERENCE ELECTROCHIRURGICALE AUTOLIMITATIVE**

(71) **MEGADYNE MEDICAL PRODUCTS, INC.** [US/US]; 11506 South State Street, Draper, UT 84020 (US).

(72) **FLEENOR, Richard, P.**; 5765 Monaco Street, Englewood, CO 80111 (US). **KIEDA, David, B.**; 386 North F. Street, Salt Lake City, UT 84103 (US). **ISAACSON, James, D.**; 2852 East Lancaster Drive, Salt Lake City, UT 84108 (US). **BORGMEIER, Paul, R.**; 1417 Winderbrook Way, Salt Lake City, UT 84124 (US).

(74) **RICHARDS, Jonathan, W.** 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 **A61B 18/20**

(11) **WO 03/094767** (13) A1

(21) PCT/US03/09368

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 60/367,593 **25 Mar/mar 2002 US (25.03.2002)**

(30) 60/398,233 **23 Jul/juil 2002 US (23.07.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHODS OF ADJUVANT PHOTODYNAMIC THERAPY TO ENHANCE RADIATION SENSITIZATION**
• **THERAPIE PHOTODYNAMIQUE ET RADIOTHERAPIE ADJUVANTES**

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POGUE, Brian** [US/US]; Thayer School of Engineering, Winchester, MA 01890 (US). **O'HARA, Julie, A.** [US/US]; Department of Diagnostic Radiology, Dartmouth Medical School, Hanover NH (US). **SWARTZ, Harold, M.** [US/US]; Department of Diagnostic Radiology, Dartmouth Medical School, Hanover NH (US). **HASAN, Tayyaba** [US/US]; Wellman Laboratories of Photomedicine, Department of Dermatology, Harvard Medical School, Massachusetts General Hospital, 55 Fruit Street, WEL-224, Boston, MA 02114 (US).

(74) **KOWALSKI, Thomas, J. et al.** / etc.; Frommer Lawrence & Haugh 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, G06F 17/60**

(11) **WO 03/094768** (13) A1

(21) PCT/JP03/05729

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-131944 **7 May/mai 2002 (07.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MEDICAL COCKPIT SYSTEM**
• SYSTEME DE VISUALISATION MEDICALE

(71) **JAPAN AS REPRESENTED BY PRESIDENT, KYOTO UNIVERSITY** [JP/JP]; 36-1, Yoshida-Honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Takashi** [JP/JP]; 13-21, Midorigaoka, Ashiya-shi, Hyogo 659-0014 (JP). **OYAMA, Hiroshi** [JP/JP]; 1-4-128-1501, Kouyou-cho Naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP). **KURODA, Tomohiro** [JP/JP]; 3-2-3-1310, Himesato, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0025 (JP). **HORI, Kenta** [JP/JP]; 4-28-18, Katayama-cho, Suita-shi, Osaka 564-0082 (JP).

(74) **SHIMIZU, Yoshihiro et al.** / etc.; 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AU CA 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).

(51)⁷ **A61B 19/00**

(11) **WO 03/094769** (13) A1

(21) PCT/SE03/00723

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 0201399-3 **8 May/mai 2002 (08.05.2002)** SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DEVICE COMPRISING A PIN SUPPORT MEMBER AND INSULATION MEANS FOR FIXATION TO A PATIENT'S SKULL DURING NEUROLOGICAL DIAGNOSIS, AND A METHOD FOR ASSEMBLING SAID DEVICE.**

• **DISPOSITIF CONSTITUE D'UN SUPPORT DE BROCHE ET D'UN MOYEN D'ISOLATION DESTINE A ETRE FIXE SUR LE CRANE D'UN PATIENT PENDANT UN DIAGNOSTIC NEUROLOGIQUE ET PROCEDE D'ASSEMBLAGE DUDIT DISPOSITIF**

(71) **ELEKTA AB** [SE/SE]; Box 7593, S-103 93 Stockholm (SE).

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

(72, 75) **ARNDT, Jürgen** [SE/SE]; Björkviksvägen 63, S-179 98 Färentuna (SE). **NILSSON, Bo** [SE/SE]; Angantyrvägen 9 A, S-184 51 Österskär (SE). **OLSSON, Jan-Erik** [SE/SE]; Hammarkindsgatan 8, S-582 47 Linköping (SE).

(74) **AWAPATENT AB**; Box 11394, S-404 28 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).

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 **A61B 19/00, A61M 1/00, B01D 27/00, B65D 27/00, C12M 3/00, G01N 1/00, B01L 3/02**

(11) **WO 03/094770** (13) A1

(21) PCT/US03/13980

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 10/139,569 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **WHOLE BLOOD SAMPLING DEVICE**
• **DISPOSITIF D'ECHANTILLONNAGE DE SANG ENTIER**

(71) **BECKMAN COULTER, INC.** [US/US]; 4300 N. Harbor Boulevard, Box 3100, Fullerton, CA 92834-3100 (US).

(72) **BELL, Michael, L.**; 2931 Hickory Place, Fullerton, CA 92835 (US).

(74) **HIIBNER, Kristin, C. et al.** / etc.; Sheldon & Mak, 9th Floor, 225 South Lake Avenue, Pasadena, CA 91101 (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).

Published / Publiée : (c)

(51)⁷ **A61C**

(11) **WO 03/094771** (13) A2

(21) PCT/CA03/00650

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 2,385,981 **8 May/mai 2002 (08.05.2002)** CA

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SYSTEM AND METHOD FOR DETECTING DENTAL CARIES**
• **SYSTEME ET PROCEDE DE DETECTION DE CARIES DENTAIRE**

(71) **NEKS TECHNOLOGIES INC.** [CA/CA]; Suite 221, 230 Bernard-Belleau, Laval, Quebec H7V 4A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARAZIVAN, Naim** [CA/CA]; c/o Neks Technologies Inc., Suite 221, 230 Bernard-Belleau, Laval, Quebec H7V 4A9 (CA). **MONTINI, Emmanuel** [CA/CA]; 62 chemin des Pins, Ste-Anne-des-Lacs, Quebec J0R 1B0 (CA). **AYOTTE, François** [CA/CA]; 7436 des Tilleuls, Laval, Quebec H7A 2P8 (CA). **MOUTAWAKIL, Mohamed** [CA/CA]; 2574 rue Everett, Montreal (Quebec) H2A 1R2 (CA).

(74) **SOFIA, Michel**; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 03/094772 (13) A2

(21) PCT/US03/08751

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/140,093 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND DEVICE FOR TREATMENT OF TEMPORO-MANDIBULAR DYSFUNCTION SYNDROME AND FACIAL/DENTAL DEFORMITIES

• PROCEDE ET DISPOSITIF DE TRAITEMENT DU SYNDROME DE DYSFONCTIONNEMENT TEMPORO-MANDIBULAIRE ET DE DEFORMATIONS FACIALES/DENTAIRE

(71, 72) MAURO, Joseph, V. [US/US]; 631 Applegate Lane, East Lansing, MI 48823 (US).

(74) MCLEOD, Ian, C.; McLeod Moyne & Reilly, P.C., 2190 Commons Parkway, Okeemos, MI 48864 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 A61C 5/06, A61M 5/32

(11) WO 03/094773 (13) A1

(21) PCT/US03/15079

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,816 8 May/mai 2002 US (08.05.2002)

(30) 10/431,931 8 May/mai 2003 US (08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAPPED SYRINGE TIP

• EMBOUT DE SERINGUE ENCAPUCHONNE

(71) DENTSPLY INTERNATIONAL INC. [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).

(72) SIMONTON, Thomas, C.; 56 Carriage House Dr., Willow Street, PA 17584 (US). PETERSON, Kenneth, S.; 2494 Water Valley Road, Lancaster, PA 17603 (US).

(74) HURA, Douglas, J. et al. / etc.; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17404-0872 (US).

(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).

Published / Publiée : (c)

(51)⁷ A61C 8/00, A61F 2/30

(11) WO 03/094774 (13) A1

(21) PCT/GB03/02039

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210786.0 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A DENTAL OR ORTHOPAEDIC IMPLANT

• IMPLANT DENTAIRE OU ORTHOPEDIQUE

(71) PLASMA COATINGS LIMITED [GB/GB]; Whitecross Road Industrial Estate, Tideswell, North Derbyshire SK17 8PY (GB).

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

(72, 75) ANDERSON, Duncan, M. [GB/GB]; Whitecross Road Industrial Estate, Tideswell, North Derbyshire SK17 8PY (GB).

(74) WILLIAMS, Paul, Edwin 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/00

(11) WO 03/094775 (13) A1

(21) PCT/US02/13189

(22) 26 Apr/avr 2002 (26.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED ORTHODONTIC MODELING FILLER MATERIAL

• MATERIAU DE REMPLISSAGE AMELIORE POUR LA PRISE D'EMPREINTES ORTHODONTIQUES

(63) US 09/790,119 (CIP) 21 Feb/fév 2001 (21.02.2001)

(71) DENTAL CREATIONS, LLC. [US/US]; 3302 West Waco Drive, Waco, TX 76710 (US).

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

(72, 75) CRAIG, Doris [US/US]; 3302 West Waco Drive, Waco, TX 76710 (US).

(74) HENRY, David, G.; 700 Texas Center, P.O. Box 1470, Waco, TX 76703-1470 (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 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 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 17/26

(11) WO 03/094776 (13) A1

(21) PCT/CN02/00485

(22) 9 Jul/juil 2002 (09.07.2002)

(25) zh (26) zh

(30) 02243018.1 13 May/mai 2002 CN (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN ELECTRIC TOOTHBRUSH

• BROSSE A DENTS ELECTRIQUE

(71, 72) WANG, Yu [CN/CN]; 12K, Nanjingyuan, Chyngxinglusi, Taoyuannanlu, Shenzhen, Guangdong 518052 (CN).

(74) KANGXIN & PARTNERS; Suite 2313, Xinlong Mansion, No. 33A Erlonglu, Xicheng District, Beijing 100032 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (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 A61D 19/02, A61M 5/24

(11) WO 03/094777 (13) A1

(21) PCT/US03/13990

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/143,615 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DUAL USE SYRINGE

• SERINGUE A DOUBLE UTILISATION

(71) CONTINENTAL PLASTIC CORP. [US/US]; 540 South Second Street, Delavan, WI 53115-0902 (US).

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

(72, 75) HLADKY, Donald, F. [US/US]; 450 Glen Street, Janesville, WI 53545-2426 (US).

(74) GRATZ, Michael, J.; 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 A61F

(11) WO 03/094778 (13) A2

(21) PCT/EP03/02355

(22) 7 Mar/mar 2003 (07.03.2003)

(25) de (26) de

(30) 102 20 594.9 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BREAST PROSTHESIS

• PROTHESE DU SEIN

(71) DEKUMED GESELLSCHAFT FÜR KUNSTSTOFF- UND MEDIZINTECHNIK GMBH & CO. KG [DE/DE]; Am Anger 27, 83233 Bernau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAMER, Bernd [DE/DE]; Breitensteinstr. 4, 83250 Marquartstein (DE). RICKAUER, Peter [DE/DE]; Bügelrainstrasse 4, 83233 Bernau (DE).

(74) REITZNER, Bruno; Splanemann Reitzner Baronetzky Westendorp, Rumfordstrasse 7, 80469 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 A61F

(11) WO 03/094779 (13) A2

(21) PCT/GB03/01903

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0210457.8 8 May/mai 2002 GB (08.05.2002)

(30) 0221671.1 19 Sep/sep 2002 GB (19.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MUSCLE BUILDER

• DISPOSITIF DE MUSCULATION

(71, 72) PAKYUZ, Mehmet, Nurullah [GB/GB]; 115 Aldborough Road South, Ilford, Essex IG3 8HS (GB). PAKYUZ, Okan [GB/GB]; 115 Aldborough Road South, Ilford Essex IG3 8HS (GB).

(81) AM AU CA CN GB IL IN JP NZ RU SG US YU.

(84) EP (AT BE 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 A61F

(11) WO 03/094780 (13) A2

(21) PCT/US03/15355

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/145,566 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RELEASABLY ATTACHABLE GRIP

• DISPOSITIF DE PREHENSION A FIXATION LIBERABLE

(71, 72) RUANA, Bruce, M. [US/US]; 1781 Bitterbrush Court, Gardnerville, NV 89410 (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).

(51)⁷ A61F 2/00, 2/02

(11) WO 03/094781 (13) A1

(21) PCT/EP03/04732

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 21 320.8 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLAT IMPLANT MADE OF TEXTILE THREAD MATERIAL, PARTICULARLY A HERNIA MESH

• IMPLANT PLAT EN MATIERE TEXTILE, EN PARTICULIER FILET HERNIAIRE

(71) GFE MEDIZINTECHNIK GMBH [DE/DE]; Höfener Strasse 45, 90431 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRICKE, Helmut [DE/DE]; Fuhrenweg 3, 38536 Meinersen-Ahnsen (DE). BUTTSTÄDT, Johannes [DE/DE]; Amselweg 15, 90556 Cadolzburg (DE).

(74) HÜBNER, Gerd et al. / etc.; Königstrasse 2, 90402 Nürnberg (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 A61F 2/00

(11) WO 03/094782 (13) A2

(21) PCT/EP03/04831

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 102 20 591.4 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SELF-ALIGNING KNEE PROSTHESIS

• PROTHESE DE GENOU A ALIGNEMENT AUTOMATIQUE

(71) MATHYS MEDIZINALTECHNIK AG [CH/CH]; Güterstrasse 5, CH-2544 Bettlach (CH).

(72) DELFOSSE, Daniel; Bümplitzstrasse 142, CH-3018 Bern (CH). SUPPER, Walter; Grenchenstrasse 26, CH-2544 Bettlach (CH). FANKHAUSER, Christoph; Wildbachstr. 21, CH-4500 Solothurn (CH).

(74) KÖRFER, Thomas et al. / etc.; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) AU 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 A61F 2/00

(11) WO 03/094783 (13) A1

(21) PCT/US03/10871

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 10/143,746 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROSTHETIC REPAIR FABRIC WITH EROSION RESISTANT EDGE

• TISSU DE REPARATION PROTHETIQUE PRESENTANT UN BORD RESISTANT A L'EROSION

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) VADURRO, Valerie; 311 Greenwich Avenue, D115, Warwick, RI 02886 (US). DAROIS, Roger, E.; 20 Heather Lane, Foster, RI 02825 (US). ELDRIDGE, Stephen, N.; 50 Raymond Potter Lane, Exeter, RI 02822 (US). LEE, Michael, J.; 6 Bullock Avenue, Barrington, RI 02806 (US).

(74) BOELITZ, Carole; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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).

Published / Publiée : (c)

(51)⁷ A61F 2/00

(11) WO 03/094784 (13) A2

(21) PCT/US03/12743

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 60/378,602 7 May/mai 2002 US
(07.05.2002)(30) 60/429,341 26 Nov/nov 2002 US
(26.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MALE URETHRAL PROSTHESIS
WITH TENSIONING MEMBER• PROTHESE URETRALE POUR
HOMMES, A ELEMENT DE TENSION(71) AMS RESEARCH CORPORATION
[US/US]; 10700 Bren Road West, Min-
netonka, MN 55343 (US).(71, 72) SIEGEL, Steven, W. [US/US]; North
Oaks, MN (US).(72) ARNAL, Kevin, R.; Chanhassen, MN (US).
LUND, Robert, E.; St. Michael, MN (US).
ANDERSON, Kimberly, A.; Eagan, MN
(US).(74) CRIMMINS, John, L. et al. / etc.; 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 A61F 2/00, 2/04

(11) WO 03/094785 (13) A1

(21) PCT/US03/14885

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,160 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GASTRIC BYPASS PROSTHESIS

• PROTHESE DE DERIVATION GAS-
TRIQUE(71, 72) EGAN, Thomas, D. [US/US]; 12 South
Street, Marblehead, MA 01945 (US).(74) LAPPIN, Mark, G. et al. / etc.; McDermott,
Will & Emery, 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 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 MDRU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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

(11) WO 03/094786 (13) A1

(21) PCT/US03/09370

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/143,564 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROSTHETIC REPAIR FABRIC

• TISSU DE REPARATION PROTHE-
TIQUE(71) C.R. BARD, INC. [US/US]; 730 Central Av-
enue, Murray Hill, NJ 07974 (US).(72) DAROIS, Roger, E.; 20 Heather Lane, Fos-
ter, RI 02825 (US). ELDRIDGE, Stephen,
N.; 50 Raymond Potter Lane, Exeter, RI
02822 (US). LEE, Michael, J.; 6 Bullock
Avenue, Barrington, RI 02806 (US).(74) BOELITZ, Carole; Wolf, Greenfield &
Sacks, P.C., 600 Atlantic Avenue, Boston,
MA 02210 (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 A61F 2/00

(11) WO 03/094787 (13) A1

(21) PCT/US03/09371

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/143,743 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROSTHETIC REPAIR FABRIC

• TISSU DE REPARATION PROTHE-
TIQUE(71) C.R. BARD, INC. [US/US]; 730 Central Av-
enue, Murray Hill, NJ 07974 (US).(72) GRYSKA, Paul vonRyll; 90 Centre Street,
Dover, MA 02030 (US). ELDRIDGE,
Stephen, N.; 50 Raymond Potter Lane, Ex-
eter, RI 02822 (US). DAROIS, Roger, E.; 20
Heather Lane, Foster, RI 02825 (US). LEE,
Michael, J.; 6 Bullock Avenue, Barrington,
RI 02806 (US). VADURRO, Valerie; 311
Greenwich Avenue, D115, Waewich, RI
02886 (US).(74) BOELITZ, Carole; Wolf, Greenfield &
Sacks, P.C., 600 Atlantic Avenue, Boston,
MA 02210 (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).

Published / Publiée : (c)

(51) A61F 2/01

(11) WO 03/094788 (13) A2

(21) PCT/IE03/00070

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/378,958 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN EMBOLIC PROTECTION SYSTEM
• SYSTEME DE PROTECTION CONTRE
LA FORMATION EMBOLIQUE(71) SALVIAC LIMITED [IE/IE]; 39-40 Upper
Mount Street, Dublin 2 (IE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BRADY, Eamon [IE/IE]; 12 Karol
Avenue, Elphin, County Roscommon (IE).
FAHEY, Gary [IE/IE]; Rosscahill, Gal-
way (IE). CASEY, Brendan [IE/IE]; 87
Ros Ard, Cappagh Road, Barna, Galway
(IE). CANNON, Ann Marie [IE/IE]; Main
Street, Pettigo, County Donegal (IE). VALE,
David [IE/IE]; 26 The Stiles Road, Clontarf,
Dublin 3 (IE). KEEGAN, Martin [IE/IE];
114 Seacrest, Shangort Road, Knocknacarra,
Galway (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 UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 A61F 2/01

(11) WO 03/094789 (13) A1

(21) PCT/IE03/00071

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,396 13 May/mai 2002 US
(13.05.2002)(30) 60/412,545 23 Sep/sep 2002 US
(23.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RETRIEVAL CATHETER FOR AN EM-
BOLIC FILTER• CATHETER DE RECHERCHE DE
FILTRE EMBOLIQUE(71) SALVIAC LIMITED [IE/IE]; 39-40 Upper
Mount Street, Dublin 2 (IE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BRADY, Eamon [IE/IE]; 12 Karol
Avenue, Elphin, County Roscommon (IE).
TAYLOR, Charles [GB/GB]; Cuckfield
Lane, Warninglid, West Sussex RH17 55N
(GB). GRIFFIN, Patrick [IE/IE]; Coolough,
Briar Hill, Castlegar, County Galway (IE).
CASEY, Brendan [IE/IE]; 87 Ros Ard,

- Cappagh Road, Barna, Galway (IE). VALE, David [IE/IE]; 26 The Stiles Road, Clontarf, Dublin 3 (IE).
- (74) O'BRIEN, John, A. et al. / etc.; c/o 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).
-
- (51)⁷ A61F 2/01, 2/06
(11) WO 03/094790 (13) A2
(21) PCT/IE03/00072
(22) 13 May/mai 2003 (13.05.2003)
(25) en (26) en
(30) 60/379,396 13 May/mai 2002 US (13.05.2002)
(30) 60/412,545 23 Sep/sep 2002 US (23.09.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • AN EMBOLIC PROTECTION SYSTEM
• DISPOSITIF DE PROTECTION CONTRE LES EMBOLIES
(71) SALVIAC LIMITED [IE/IE]; 39-40 Upper Mount Street, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BRADY, Eamon [IE/IE]; 12 Karol Avenue, Elphin, County Roscommon (IE). TAYLOR, Charles [GB/GB]; Cuckfield Lane, Warninglid, West Sussex RH17 55N (GB). GRIFFIN, Patrick [IE/IE]; Coolough, Briar Hill, Castlegar, County Galway (IE). CASEY, Brendan [IE/IE]; 87 Ros Ard, Cappagh Road, Barna, Galway (IE). VALE, David [IE/IE]; 26 The Stiles Road, Clontarf, Dublin 3 (IE). GILSON, Paul [IE/IE]; Uggool, Moycullen, County Galway (IE). O'SHAUGHNESSY, John [IE/IE]; Furrymelia East, Barna, County Galway (IE).
- (74) O'BRIEN, John, A. et al. / etc.; c/o 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 A61F 2/01
(11) WO 03/094792 (13) A1
(21) PCT/US03/11298
(22) 11 Apr/avr 2003 (11.04.2003)
(25) en (26) en
(30) 10/140,404 6 May/mai 2002 US (06.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • PERFUSION GUIDEWIRE IN COMBINATION WITH A DISTAL FILTER
• FIL-GUIDE DE PERFUSION EN COMBINAISON AVEC UN FILTRE DISTAL
(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).
(72) GOLL, Paul; 16613 - 162nd Avenue NE, Woodinville, WA 98072 (US). ANDERSON, James, M.; 8004 State Highway 55 #33, Rockford, MN 55373 (US). VOGEL, Jeffrey, H.; 8243 Queen Avenue North, Brooklyn Park, MN 55444 (US).
(74) SEAGER, Glenn, M. et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 800, 1221 Nicollet Avenue, Minneapolis, MN 55403 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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.
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- (51)⁷ A61F 2/06
(11) WO 03/094793 (13) A1
(21) PCT/US03/11636
(22) 14 Apr/avr 2003 (14.04.2003)
(25) en (26) en
(30) 10/142,008 8 May/mai 2002 US (08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • DEVICE FOR PROVIDING FULL PROTECTION TO A STENT
• DISPOSITIF PERMETTANT D'ASSURER UNE PROTECTION TOTALE A UNE ENDOPROTHESE VASCULAIRE
(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).
(72) STENZEL, Eric, B.; Kileloghans, Tuam County, Tuam County (IE). SAHATIJIAN, Ronald, A.; 29 Saddleclub Road, Lexington, MA 02713 (US). ZHONG, Sheng-Ping; 21 Charina Road, Northborough, MA 01532 (US). DAO, Kinh-Luan; 67 Allen Street, Randolph, MA 02301 (US). DAYTON, Peter, L.; 125 Pleasant Street, #307, Brookline, MA 02446 (US). KALASHIAN, Daniel, J.; 53 Richard Road, Marlborough, MA 01752 (US). CHIEN, Thomas, Yung-Hui; 3332 Ariel Joshua Court, San Jose, CA 95135 (US). GRIFFIN, Stephen; 1042 Reed Tr. #2, Sunnyvale, CA 94086 (US).
(74) URZEDOWSKI, James, M.; Vidas, Arrett & Steinkraus, 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343-9185 (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).
Published / Publiée : (c)
-
- (51)⁷ A61F 2/06
(11) WO 03/094794 (13) A1
(21) PCT/US03/14008
(22) 6 May/mai 2003 (06.05.2003)
(25) en (26) en
(30) 60/379,604 10 May/mai 2002 US (10.05.2002)
(30) 10/402,048 28 Mar/mar 2003 US (28.03.2003)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD OF FORMING A TUBULAR MEMBRANE ON A STRUCTURAL FRAME
• PROCEDE PERMETTANT DE FORMER UNE MEMBRANE TUBULAIRE SUR UNE ARMATURE

(71) **CORDIS CORPORATION** [US/US]; 14201 NW 60 Ave, Miami Lakes, FL 33014 (US).

(72) **CHUN, Iksoo**; 6 Redwood Terrace, Flemington, NJ 08822 (US). **ROLLER, Mark, B.**; 9 Quince Park, North Brunswick, NJ 08902 (US). **MAJERCAK, David, Christopher**; 519 Madison Drive, Stewartsville, NJ 08886 (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).

(51)⁷ A61F 2/06

(11) **WO 03/094795** (13) A1

(21) PCT/US03/14009

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/379,604 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF MAKING A MEDICAL DEVICE HAVING A THIN WALL TUBULAR MEMBRANE OVER A STRUCTURAL FRAME

• PROCEDE DE FABRICATION DE DISPOSITIF MEDICAL COMPORTANT UNE MEMBRANE TUBULAIRE A PAROI MINCE SUR UN SUPPORT STRUCTURAL

(71) **CORDIS CORPORATION** [US/US]; 14201 NW 60 Ave, Miami Lakes, FL 33014 (US).

(72) **MAJERCAK, David, Christopher**; 519 Madison Drive, Stewartsville, NJ 08886 (US). **GREWE, David**; 606 Woodglan Road, Glen Gardner, NJ 08826 (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).

(51)⁷ A61F 2/06

(11) **WO 03/094796** (13) A1

(21) PCT/US03/14115

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/379,604 **10 May/mai 2002 (10.05.2002)** US

(30) 10/401,453 **28 Mar/mar 2003 (28.03.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PLACING A TUBULAR MEMBRANE ON A STRUCTURAL FRAME

• PROCEDE DE POSE D'UNE MEMBRANE TUBULAIRE SUR UN CADRE STRUCTUREL

(71) **CORDIS CORPORATION** [US/US]; 14201 NW 60 Ave, Miami Lakes, NJ 33014 (US).

(72) **MAJERCAK, David, Christopher**; 519 Madison Drive, Stewartsville, NJ 08886 (US). **DAVE, Vipul, Bhupendra**; 20 Francis Drive, Hillsborough, NJ 08844 (US). **CHUN, Iksoo**; 6 Redwood Terrace, Flemington, NJ 08822 (US). **ROLLER, Mark, B.**; 9 Quince Place, North Brunswick, NJ 08902 (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).

(51)⁷ A61F 2/06, 2/24

(11) **WO 03/094797** (13) A1

(21) PCT/US03/14148

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/379,604 **10 May/mai 2002 (10.05.2002)** US

(30) 10/402,180 **28 Mar/mar 2003 (28.03.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FRAME BASED UNIDIRECTIONAL FLOW PROSTHETIC IMPLANT

• PROTHESE A FLUX UNIDIRECTIONNEL STRUCTUREL

(71) **CORDIS CORPORATION** [US/US]; 14201 NW 60 Avenue, Miami Lakes, FL 33014 (US).

(72) **HOJEIBANE, Hikmat**; 91 Adams Drive, Princeton, NJ 08540 (US). **MAJERCAK, David, Christopher**; 519 Madison Drive, Stewartsville, NJ 08886 (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).

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(51) A61F 2/06

(11) **WO 03/094798** (13) A1

(21) PCT/US03/14167

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/379,593 **8 May/mai 2002 (08.05.2002)** US

(30) 60/378,346 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENDOPROSTHESIS HAVING FOOT EXTENSIONS

• ENDOPROTHESE PRESENTANT DES EXTENSIONS FORMANT EMBASES

(71) **ABBOTT LABORATORIES** [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

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(72, 75) **LOWE, David, L.** [US/US]; 820 Freemont Street, Apt #4, Menlo Park, CA 94025 (US). **ELI, Erik** [US/US]; 678 Bellflower Avenue, Apt. #22, Sunnyvale, CA 94086 (US). **PAPPAS, Jeff, M.** [US/US]; 2817 Ruth Ct, Santa Clara, CA 95051 (US). **HUANG, Howard, H.** [US/US]; 2803 Toyon Drive, Santa Clara, CA 95051 (US). **CLIFFORD, Anton, G.** [IE/US]; 492 Calderon Avenue, Mountain View, CA 94041 (US). **KANG, Kevin** [US/US]; 6058 Rainbow Drive, San Jose, CA 95129 (US).

(74) **WARK, Allen, A. et al. / etc.**; D-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).

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(51)⁷ A61F 2/06, 2/24

(11) WO 03/094799 (13) A1

(21) PCT/US03/14530

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,604 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • UNIDIRECTIONAL FLOW PROSTHETIC IMPLANT BASED ON A MULTI-LOBED FRAME

• IMPLANT PROTHETIQUE A FLUX UNIDIRECTIONNEL PLACE SUR UN CADRE A LOBES MULTIPLES

(71) CORDIS CORPORATION [US/US]; 14201 NW 60 Ave, Miami Lakes, FL 33014 (US).

(72) HOJEIBANE, Hikmat; 91 Adams Drive, Princeton, NJ 08540 (US). MAJERCAK, David, Christopher; 519 Madison Drive, Stewartsville, NJ 08886 (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).

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(51)⁷ A61F 2/08

(11) WO 03/094800 (13) A2

(21) PCT/US03/14624

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/142,861 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROACTIVE POLYMER BASED ARTIFICIAL SPHINCTERS AND ARTIFICIAL MUSCLE PATCHES

• SPHINCTERS ARTIFICIELS A BASE DE POLYMERES ET PATCHES ARTIFICIELS MUSCULAIRES

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, Mn 55311 (US).

(72) BANIK, Michael, S.; 119 Wilder Road, Bolton, MA 01740 (US).

(74) BONHAM, David, B. et al. / etc.; 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)⁷ A61F 2/24

(11) WO 03/094801 (13) A1

(21) PCT/US03/14007

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/142,637 8 May/mai 2002 US
(08.05.2002)(30) 10/331,143 26 Dec/déc 2002 US
(26.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR MODIFYING THE SHAPE OF A BODY ORGAN

• DISPOSITIF ET PROCÉDE PERMETTANT DE MODIFIER LA FORME D'UN ORGANE CORPOREL

(71) CARDIAC DIMENSIONS, INC. [US/US]; 5540 Lake Washington Blvd., Kirkland, WA 98033 (US).

(72) MATHIS, Mark, L.; 12010 76th Ave NE, Kirkland, WA 98034 (US). KOWALSKY, Leonard; 1403 243rd Place SE, Bothell, WA 98021 (US). REUTER, David, G.; 3225 - 208th Place SE, Bothell, WA 98021 (US). BEESON, Cruz; 11002 Forbes Creek DR. #R103, Kirkland, WA 98033 (US). NIEMINEN, Gregory, D.; 20206-100th Avenue NE, Bothell, WA 98011 (US). BRAXTAN, Ryan, H.; P.O. Box 221, Snoqualmie, WA 98065 (US). ARONSON, Nathan; 1310 Minor Avenue #305, Seattle, WA 98101 (US). BEGET, Garrett, R.; 12114 NE 171st Place #F104, Bothell, WA 98011 (US).

(74) TULLETT, Rodney, A.; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 2/32

(11) WO 03/094802 (13) A1

(21) PCT/US03/14688

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,984 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR ESTABLISHING THE ORIENTATION OF A MODULAR IMPLANT

• SYSTEME PERMETTANT D'ETABLIR L'ORIENTATION D'UN IMPLANT MODULAIRE

(71) HAYES MEDICAL, INC. [US/US]; 1115 Windfield Way, Suite 100, El Dorado Hills, CA 95762-9623 (US).

(72) SERRA, Michael, A.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (US). HANSON, Shaun, B.; 2726 King Richard Drive, El Dorado Hills, CA 95762 (US). DESPRES, Alfred, S.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (US). GERMAN, Robert; 1151 Olive Drive, Davis, CA 95616 (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 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 A61F 2/32

(11) WO 03/094803 (13) A1

(21) PCT/US03/14791

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,989 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR TRIAL IMPLANTATION OF A FEMORAL HIP PROSTHESIS

• SYSTEME D'IMPLANTATION D'ESSAI D'UNE PROTHESE FEMORALE DE LA HANCHE

(71) HAYES MEDICAL, INC. [US/US]; 1115 Windfield Way, Suite 100, Eldorado Hills, CA 95762-9623 (US).

(72) SERRA, Michael, A.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (US). HANSON, Shaun, B.; 2726 King Richard Drive, El Dorado Hills, CA 95762 (US). DESPRES, Alfred, S.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/38

(11) WO 03/094804 (13) A2

(21) PCT/EP03/04936

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 272.4 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TIBIA COMPONENT AND SLIDING PLATE OF A KNEE-JOINT ENDO-PROTHESIS

• ELEMENT DE TIBIA ET PLAQUE DIRECTRICE APPARTENANT A UNE ENDOPROTHESE D'ARTICULATION DE GENOU

(71, 72) BREHM, Peter [DE/DE]; Am Mühlberg 34, 91085 Weisendorf (DE).

(74) SCHNECK, Herbert et al. / etc.; Königstrasse 2, 90402 Nürnberg (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 A61F 2/44

(11) WO 03/094805 (13) A2

(21) PCT/US03/13197

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/142,133 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TACTICAL DETACHABLE ANATOMIC CONTAINMENT DEVICE AND THERAPEUTIC TREATMENT SYSTEM

• DISPOSITIF DE CONFINEMENT ANATOMIQUE DETACHABLE, TACTIQUE, ET SYSTEME DE TRAITEMENT THERAPEUTIQUE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(72) OLSON JR., Stanley, W.; 6143 Lakeview Circle, San Ramon, CA 94583 (US). JANSSEN, Lex, P.; 2237 Via Espada, Pleasanton, CA 94566 (US). BURNS, Michael; 28 Saint Germain Street, #3, Boston, MA 02115 (US).

(74) BURSE, David, T.; Bingham McCutchen LLP, 1900 University Avenue, East Palo Alto, CA 94303-2223 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/44

(11) WO 03/094806 (13) A1

(21) PCT/US03/14764

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,462 10 May/mai 2002 US (10.05.2002)

(30) 10/434,917 9 May/mai 2003 US (09.05.2003)

(30) 10/434,930 9 May/mai 2003 US (09.05.2003)

(30) 10/434,931 9 May/mai 2003 US (09.05.2003)

(30) 10/435,332 9 May/mai 2003 US (09.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROSTHETIC COMPONENTS WITH CUSHIONING ELEMENTS

• COMPOSANTS PROTHETIQUES A ELEMENTS DE REMBOURRAGE

(71, 72) FERREE, Bret, A. [US/US]; 1238 Cliff Laine Drive, Cincinnati, OH 45208 (US).

(74) POSA, John, G. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, PC, 280 N. Old Woodward Avenue-Suite 400, Birmingham, MI 78009 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/66

(11) WO 03/094807 (13) A1

(21) PCT/ZA03/00062

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 2002/3810 14 May/mai 2002 ZA (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PROSTHETIC LIMB

• MEMBRE ARTIFICIEL

(71, 72) ASKELAND, Philip, Bailey [ZA/ZA]; 14 Casarene, 546 Serene Street, Garsfontein, 0042 Pretoria (ZA). DE VOS, Tobias, Johannes, De Villiers [ZA/ZA]; 589 Naude Street, Wonderboom South, 0084 Pretoria (ZA). KRUGER, Louise [ZA/ZA]; 69 Ringwood Road, Lynnwood Manor, 0081 Pretoria (ZA).

(74) HAHN & HAHN INC et al. / etc.; 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

(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).

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(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,714 10 May/mai 2002 US (10.05.2002)

(30) Not furnished / 9 May/mai 2003 US non communiqué (09.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR THERAPEUTIC TREATMENT OF CARPAL TUNNEL SYNDROME

• PROCEDES DE TRAITEMENT THERAPEUTIQUE DU SYNDROME DU CANAL CARPIEN

(71) NEW YORK UNIVERSITY [US/US]; 70 Washington Square South, New York, NY 10012 (US).

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

(72, 75) PAPPAGALLO, Marco [US/US]; 401 East 34th Street, New York, NY 10016 (US). BREUER, Brenda [US/US]; 570 Fort Washington Avenue, New York, NY 10033 (US).

(74) **MALLON, Veronica**; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094809 (13) A1

(21) PCT/US03/14525

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/142,597 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRAVAGINAL CATAMENIAL DEVICE FOR BLOOD LEAKAGE PREVENTION

• DISPOSITIF CATAMENIAL INTRA-VAGINAL DESTINE A EMPECHER LES FUITES DE SANG

(71, 72) **ZADINI, Filiberto, P.** [US/US]; 16814 Rayen Street, North Hills, CA 91343 (US). **ZADINI, Giorgio, C.** [US/US]; 2237 Hilltop Lane, Camarillo, CA 93012 (US).

(81) AU BR CA 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).

(51)⁷ A61F 9/00, G02B 5/10

(11) WO 03/094810 (13) A1

(21) PCT/GB03/02000

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210846.2 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBSTANTIALLY TOROIDAL REFLECTIVE SURFACE ELEMENT SUITABLE FOR APPLYING A CONTACT LENS TO AN EYE

• ELEMENT A SURFACE REFLECHISANTE SENSIBLEMENT TORIQUE APTÉ A LA POSE D'UN VERRE DE CONTACT A UN OEIL

(71, 72) **HENNEGAN, William** [GB/GB]; 239 Stanton Street, Fenham, Newcastle-upon-Tyne NE1 3DY (GB).

(74) **ELSWORTH, Dominic, Stephen**; Hargreaves Elsworth, Rotterdam House, 116 Quayside, Newcastle-upon-Tyne NE1 3DY (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 A61F 13/00

(11) WO 03/094811 (13) A1

(21) PCT/US03/14574

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,635 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR TREATING WOUND, DRESSING FOR USE THEREWITH AND APPARATUS AND SYSTEM FOR FABRICATING DRESSING

• TECHNIQUE DE TRAITEMENT DE PLAIE, PANSEMENT DESTINE A CE TRAITEMENT, APPAREIL ET SYSTEME DE FABRICATION DE CE PANSEMENT

(71) **POLYREMEDY LLC** [US/US]; 1257 South Mary Avenue, Sunyvale, CA 94087 (US).

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

(72, 75) **SYNYAGIN, Dmitriy** [US/US]; 6 Azalea Lane, San Carlos, CA 94070 (US).

(74) **BACHAND, Edward, N. et al. / etc.**; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/00, 2/00, 9/02, A61K 9/70, 9/20

(11) WO 03/094812 (13) A1

(21) PCT/US03/14840

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/453,700 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ABUSE-RESISTANT OPIOID SOLID DOSAGE FORM

• FORME PHARMACEUTIQUE SOLIDE OPIOIDE A L'EPREUVE DES ABUS D'OPIOIDES

(71) **ENDO PHARMACEUTICALS INC.** [US/US]; 100 Painters Drive, Chadds Ford, PA 19317 (US).

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

(72, 75) **KAO, Huaihung, D.** [US/US]; 137 Colony Lane, Syosset, NY 11791 (US). **GALER, Bradley** [US/US]; 1740 Lenape Road, West Chester, PA 19382 (US). **KERR, David** [US/US]; 7 Arielle Way, Sparta, NJ 07871 (US).

(74) **BREW, Michael, R.**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/02, 13/00, 5/445

(11) WO 03/094813 (13) A1

(21) PCT/EP03/04830

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 202 07 356.4 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ABSORPTION BODY FOR ATTACHMENT TO THE HUMAN BODY

• ELEMENT D'ABSORPTION DESTINE A ETRE APPLIQUE SUR LE CORPS HUMAIN

(71, 72) **RIESINGER, Birgit** [DE/DE]; Zum Holtkamp 3, 48346 Ostbevern (DE).

(74) **HOFFMEISTER, Helmut**; Goldstrasse 36, 48147 Münster (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 NO NZ OM PH PL RO RU SD SE SG SK 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); EP (AT BE 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 A61F 13/14

(11) WO 03/094814 (13) A1

(21) PCT/SE03/00785

(22) 14 May/mai 2003 (14.05.2003)

- (25) sv (26) en
(30) 0201458-7 **14 May/mai 2002** SE
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPRESSION BANDAGE FOR BREAST OPERATED
• BANDAGE COMPRESSIF POUR FEMMES OPERÉES DES SEINS
- (71, 72) WADSTRÖM, Petra [SE/SE]; Västerholmsvägen 22, S-184 60 Åkersberga (SE).
- (74) BJELKSTAM, Peter; Bergenstråhle & Lindvall AB, P.O. 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).
-
- (51)⁷ A61F 13/15, 13/496, 13/56, A41F 1/00
(11) WO 03/094815 (13) A1
(21) PCT/SE03/00491
(22) 25 Mar/mar 2003 (25.03.2003)
(25) sv (26) en
(30) 0200987-6 **2 Apr/avr 2002** SE
(02.04.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR PRODUCTION OF DIAPER PANTS
• PROCEDE DE PRODUCTION DE COUCHES-CULOTTES
- (71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).
- (72) KARLSSON, Birgitta; Törnrosvägen 14, S-435 31 Mölnlycke (SE). SKOGSBERG, Johan; Fredåsgatan 28, S-431 57 Göteborg (SE). ERWAST, Norra Gubberogatan 26, S-416 63 Göteborg (SE). WIDLUND, Urban; Pärönvägen 5, S-435 43 Pixbo (SE). FERNFORS, Ingemar; Alfhöjdsgatan 13, S-431 38 Mölndal (SE).
- (74) ALBIHNS STOCKHOLM AB; P.O.Box 5581, Linnégatan 2, 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).
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- (51)⁷ A61G 7/00, 7/05
(11) WO 03/094817 (13) A1
(21) PCT/EP03/04794
(22) 7 May/mai 2003 (07.05.2003)
(25) de (26) de
(30) 102 20 381.4 **7 May/mai 2002** DE
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MOBILE PATIENT CARE SYSTEM, PARTICULARLY MOBILE HEART-LUNG MACHINE
• SYSTEME MOBILE DE SOINS POUR PATIENTS, EN PARTICULIER COEUR-POUMON ARTIFICIEL MOBILE
- (71) STÖCKERT INSTRUMENTE GMBH [DE/DE]; Lindberghstrasse 25, 80939 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNOTT, Erwin [DE/DE]; Franz-von-Defregger-Strasse 12, 85586 Poing (DE).
- (74) HOFFMANN EITLE et al. / etc.; Arabel-lastrasse 4, 81925 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 A61G 7/10
(11) WO 03/094818 (13) A2
(21) PCT/US03/14451
(22) 8 May/mai 2003 (08.05.2003)
(25) en (26) en
(30) 10/143,139 **10 May/mai 2002** US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PATIENT TRANSFER DEVICE HAVING INFLATABLE AIR MATTRESS
• DISPOSITIF DE TRANSFERT DE PATIENT COMPRENANT UN MATELAS PNEUMATIQUE
- (71, 72) WEEDLING, Robert, E. [US/US]; 5002 Campmeeting Road, Center Valley, PA 18034 (US). WEEDLING, James, E. [US/US]; 3190 Bittersweet Road, Center Valley, PA 18034 (US).
- (74) BURKE, Gregory, J. et al. / etc.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).
- (81) AU 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).
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- (51)⁷ A61G 15/16
(11) WO 03/094819 (13) A1
(21) PCT/IB03/01804
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
(30) 0201416-5 **10 May/mai 2002** SE
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A UTENSIL HOLDER FOR DENTAL CARE
• SUPPORT POUR PIÉCES A MAIN DENTAIRES DESTINÉES AUX SOINS DENTAIRES
- (71) MÄHL, Margaretha [SE/SE]; Ründvägen 2, S-640 32 Malmköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MÄHL, Thomas [SE/SE]; Rundvägen 2, S-640 32 Malmköping (SE).
- (74) GROTH & CO KB et al. / etc.; Box 6107, S-102 32 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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 A61H

(11) WO 03/094820 (13) A2

(21) PCT/US03/13691

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/142,247 9 May/mai 2002 US (09.05.2002)

(30) 10/142,354 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MANIPULATION DEVICE WITH DYNAMIC INTENSITY CONTROL

• DISPOSITIF DE MANIPULATION A COMMANDE D'INTENSITE DYNAMIQUE

(71, 72) KAHN, Rocky [US/US]; 174 Santa Clara Avenue, Oakland, CA 94610 (US).

(74) MESCHER, Richard, M.; Porter Wright Morris & Arthur LLP, 41 South High Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 A61H

(11) WO 03/094821 (13) A2

(21) PCT/US03/13968

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/142,352 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR APPLYING A FRICTION MASSAGE STROKE

• APPAREIL ET PROCEDE POUR EFFECTUER UN MASSAGE PAR FRICITION

(71, 72) KAHN, Rocky [US/US]; 174 Santa Clara Avenue, Oakland, CA 94610 (US).

(74) MESCHER, Richard, M.; Porter, Wright, Morris & Arthur LLP, 41 South High Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A61H 1/00, 15/00

(11) WO 03/094822 (13) A1

(21) PCT/DE03/01490

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 202 07 379.3 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PIECE OF FURNITURE COMPRISING A MASSAGE UNIT

• MEUBLE POURVU D'UNE UNITE DE MASSAGE

(71) OKIN GESELLSCHAFT FÜR ANTRIEBSTECHNIK MBH & CO. KG [DE/DE]; Zur Merhardt 9, 51645 Gummersbach (DE).

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

(72, 75) KOCH, Dietmar [DE/DE]; Zur Merhardt 9, 51645 Gummersbach (DE).

(74) STACHOW, Ernst-Walther; Lippert, Stachow, Schmidt & Partner, Frankenforster Strasse 135-137, 51427 Bergisch Gladbach (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 A61J 1/03, B65D 50/04, 43/16

(11) WO 03/094823 (13) A1

(21) PCT/GB03/02001

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210894.2 13 May/mai 2002 GB (13.05.2002)

(30) 0303765.2 18 Feb/fév 2003 GB (18.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTAINER FOR BLISTER PACK

• CONTENANT POUR PLAQUETTES ALVEOLAIRES

(71) WENDON LIMITED [GB/GB]; Drysgoed Farm, Efailisaf, Pontypridd, Mid Glamorgan CF38 1SN (GB).

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

(72, 75) WALDING, Dean [GB/GB]; 55 The Oaks, Quakers Yard, Treharris, Mid Glamorgan CF46 5HQ (GB).

(74) CHETTLE, Adrian, John 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 VN YU ZA ZM ZW.

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

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(51)⁷ A61J 3/07

(11) WO 03/094824 (13) A1

(21) PCT/EP03/04821

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) BO2002A000282 13 May/mai 2002 IT (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAPSULE FILLING MACHINE

• MACHINE DE REMPLISSAGE DE CAPSULES

(71) B.L. MACCHINE AUTOMATICA S.P.A. [IT/IT]; Via Ronchi Inferiore, 30/B, I-40061 Minerbio (IT).

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

(72, 75) FACCHINI, Libero [IT/IT]; Via Pontebuco, 22, I-40068 San Lazzaro di Savena (IT).

(74) PORCIA, Attilio et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/07, B65B 43/60

(11) WO 03/094825 (13) A1

(21) PCT/IB03/01906

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) BO2002A000284 14 May/mai 2002 IT
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CAPSULE FILLING MACHINE
• REMPLISSEUSE DE CAPSULES(71) I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A. [IT/IT]; Via Emilia Levante, 428-442, I-40064 Ozzano Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TREBBI, Roberto [IT/IT]; Via Forno Rosso, 2/3, I-40055 Castenaso (IT). CONSOLI, Salvatore, Fabrizio [IT/IT]; Via Calindri, 22, I-40127 Bologna (IT).

(74) LANZONI, Luciano; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (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 A61J 15/00, A61M 1/00, 39/02

(11) WO 03/094826 (13) A1

(21) PCT/US03/14782

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/141,909 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOW PROFILE ADAPTOR FOR USE WITH A MEDICAL CATHETER BACK-ROUND OF THE INVENTION
• ADAPTATEUR DISCRET A UTILISER AVEC UN CATHETER MEDICAL

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

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(74) KRIEGSMAN, Edward, M. et al. / etc.; Kriegsmann & Kriegsmann, 665 Franklin Street, Framingham, MA 01702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

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

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

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(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISPERSIONS OF LIPIDS FOR USE AS THERAPEUTIC AND COSMETIC AGENTS AND INTRACELLULAR DELIVERY VEHICLES

• DISPERSIONS DE LIPIDES UTILISEES EN TANT QU'AGENTS THERAPEUTIQUES ET COSMETIQUES ET EXCIPIENTS D'ADMINISTRATION INTRACELLULAIRE

(71) BIOTECH TOOLS sa [BE/BE]; 230 bis, rue de Ransbeek, B-1120 Bruxelles (BE).
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(72, 75) HÉNOT, Frédéric [FR/BE]; rue de Gerlache 42, B-1040 Bruxelles (BE). FRE-BILLOT, Roland [FR/BE]; rue de Theux 22, B-1040 Bruxelles (BE). BAUDART, Sébastien [BE/BE]; Rue de la station 34, B-7904 Tourpes (BE). LEGON, Thierry [BE/BE]; Bloesmlaan 2, B-3360 Koriebeek-Lo (BE).

(74) BIRD, William, E. et al. / etc.; Bird Goen & Co, Klein Dalenstraat 42A, B-3020 Winksele (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).

Declaration / Déclaration :

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(25) en (26) en

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(10.05.2002)(30) 10/290,545 7 Nov/nov 2002 US
(07.11.2002)(30) 60/460,646 4 Apr/avr 2003 US
(04.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CANCER VACCINES AND METHODS OF USING THE SAME
• VACCINS CONTRE LE CANCER ET METHODES D'UTILISATION DES-DITS VACCINS(71) INEX PHARMACEUTICALS CORPORATION [CA/CA]; 100-8900 Glenlyon Parkway, Burnaby, British Columbia V5J 5J8 (CA).
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(72, 75) TAM, Ying, K. [CA/CA]; 3575 West 19th Avenue, Vancouver, British Columbia V6S 1C3 (CA). SEMPLER, Sean [CA/CA]; 2201-588 Broughton Street, Vancouver, British Columbia V6G 3E3 (CA). KLIMUK, Sandra [CA/CA]; 208-2190 West 7th Avenue, Vancouver, British Columbia V6K 4K7 (CA). CHIKH, Ghania [DZ/CA]; 1873 Nelson Street, Apt. #605, Vancouver, British Columbia, V6G 1M9 (CA).

(74) LONG, Erin, J.; Inex Pharmaceuticals Corporation, 100-8900 Glenlyon Parkway, Glenlyon Business Park, Burnaby, British Columbia V5J 5J8 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094829 (13) A2

(21) PCT/CA03/00680

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,343 10 May/mai 2002 US
(10.05.2002)(30) 10/290,545 7 Nov/nov 2002 US
(07.11.2002)(30) 60/454,298 12 Mar/mar 2003 US
(12.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PATHOGEN VACCINES AND METHODS FOR USING THE SAME
• VACCINS CONTRE DES MALADIES PRODUITES PAR LES PATHOGENES ET METHODES D'UTILISATION DES-DITS VACCINS

(71) INEX PHARMACEUTICALS CORPORATION [CA/CA]; 100-8900 Glenlyon Parkway, Glenlyon Business Park, Burnaby, British Columbia V5J 5J8 (CA).

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(72, 75) **SEMPLE, Sean** [CA/CA]; 2201-588 Broughton Street, Vancouver, British Columbia V6G 3E3 (CA). **CHIKH, Ghania** [DZ/CA]; 1873 Nelson Street, Apt. #605, Vancouver, British Columbia, V6G 1M9 (CA). **HOPE, Michael, J.** [CA/CA]; 3550 West 11th Avenue, Vancouver, British Columbia V6R 2K2 (CA). **TAM, Ying, K.** [CA/CA]; 3575 West 19th Avenue, Vancouver, British Columbia V6S 1C3 (CA).

(74) **LONG, Erin, J.**; Inex Pharmaceuticals Corporation, 100-8900 Glenlyon Parkway, Glenlyon Business Park, Burnaby, British Columbia V5J 5J8 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094830 (13) A2

(21) PCT/DK03/00294

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PA 2002 00691 7 May/mai 2002 (07.05.2002) DK

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL AZACYCLIC ETHYNYL DERIVATIVES

• NOUVEAUX DERIVES D'ETHYNYL AZACYCLIQUES

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(72, 75) **PETERS, Dan** [SE/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **OLSEN, Gunnar, M.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **NIELSEN, Elsebet, Østergaard** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **JØRGENSEN, Tino, Dyhring** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **AHRING, Philip, K.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Att: Patent Department, 93 Pederstrupvej, 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).

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

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(51)⁷ A61K

(11) WO 03/094831 (13) A2

(21) PCT/DK03/00295

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PA 2002 00692 7 May/mai 2002 (07.05.2002) DK

(30) PA 2002 01739 11 Nov/nov 2002 (11.11.2002) DK

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL DIAZABICYCLIC BIARYL DERIVATIVES

• NOUVEAUX DERIVES DE BIARYLE DIAZABICYCLIQUE

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).

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(72, 75) **PETERS, Dan** [SE/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **OLSEN, Gunnar, M.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **NIELSEN, Elsebet, Østergaard** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **JØRGENSEN, Tino, Dyhring** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **AHRING, Philip, K.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Att: Patent Department, 93 Pederstrupvej, 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).

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

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/094832 (13) A2

(21) PCT/EP03/04931

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 310.0 14 May/mai 2002 (14.05.2002) DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGHLY ACTIVE SG(B)-NUCLEATING ADDITIVE FOR POLYPROPYLENE

• ADDITIF DE NUCLEATION SG(B) HAUTEMENT ACTIF POUR POLY-PROPYLENE

(71) **TRESPAPHAN GMBH** [DE/DE]; Bergstrasse, 66539 Neunkirchen (DE).

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

(72, 75) **BUSCH, Detlef** [DE/DE]; 1. Gartenreihe 16, 66740 Saarlouis (DE). **HÄDE, Petra** [DE/DE]; Deutschernstrasse 23, 66117 Saarbrücken (DE). **SCHMITZ, Bertram** [DE/FR]; 2. route de Nacy, F-57200 Sarreguemines (FR).

(74) **LUDERSCHMIDT, SCHÜLER & PARTNER**; John-F.-Kennedy-Strasse 4, 65189 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 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

(11) WO 03/094833 (13) A2

(21) PCT/IB02/01782

(22) 10 May/mai 2002 (10.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A NEW STEREOSSELECTIVE ROUTE TO PRODUCE TRIS-O-SUBSTITUTED-(E)-1-(3,5-DIHYDROXYPHENYL)-2-(4-HYDROXYPHENYL)ETHENE, AN INTERMEDIATE IN THE SYNTHESIS OF TRANS-RESVERATROL

• NOUVEAU PROCÉDE STÉROSELECTIF POUR PRODUIRE DU TRIS-O-SUBSTITUÉ-(E)-1-(3,5-DIHYDROXYPHENYL)-2-(4-HYDROXYPHENYL)ÉTHÈNE, UN PRODUIT INTERMÉDIAIRE DANS LA SYNTHÈSE DE TRANS-RESVERATROL

(71) ORCHID CHEMICALS & PHARMACEUTICALS LIMITED [IN/IN]; 1, 6th Floor, Crown Court 34, Cathedral Road, Chennai 600 086 (IN).

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(72, 75) DESHPANDE, Pandurang, Balwant [IN/IN]; T-1, Navin's Vasundhara, 12th Cross Road, Door No.5, Indira Nagar, Chennai 600 020 (IN). SENTHILKUMAR, Udayampalayam, Palanisamy [IN/IN]; N. Udayampalayam, Kullampalayam, Gobichetipalayam, Erode 638 476 (IN). ANDREW, G. [IN/IN]; Cholan Flats, 27/1, Jyothi Nagar II Street, Chittilapakkam, Chennai 600 064 (IN).

(74) DEVADOSS, Calab, Gabriel; 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).

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); (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); (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)

(51)⁷ A61K

(11) WO 03/094834 (13) A2

(21) PCT/IB03/02382

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 60/380,675 14 May/mai 2002 US (14.05.2002)

(30) 0302218.3 30 Jan/jan 2003 GB (30.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MUCOSAL VACCINES WITH CHITOSAN ADJUVANT AND/OR MENINGOCOCCAL ANTIGENS

• VACCINS MUQUEUX AVEC ADJUVANT DE CHITOSANE ET/OU ANTIGÈNES MENINGOCOCCIQUES

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(72, 75) DEL GIUDICE, Giuseppe [IT/IT]; Chiron SpA, Via Fiorentina, 1, I-53100 Siena (IT). BAUDNER, Barbara [IT/IT]; Chiron SpA, Via Fiorentina, 1, I-53100 Siena (IT).

(74) MARSHALL, Cameron, John 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 A61K

(11) WO 03/094835 (13) A2

(21) PCT/IL03/00379

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 149562 9 May/mai 2002 IL (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FGF VARIANTS AND METHODS FOR USE THEREOF

• VARIANTES DE FGF ET LEURS PROCÉDES D'UTILISATION

(71) PROCHON BIOTECH LTD. [IL/IL]; P.O. Box 1482, 76114 Rehovot (IL).

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

(72, 75) BOGIN, Oren [IL/IL]; Moshav Ganei Yochanan #160, 76922 (IL). YAYON, Avner [IL/IL]; Moshav Sitria #104, 76834 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094836 (13) A2

(21) PCT/US02/33051

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 60/329,208 12 Oct/oct 2001 US (12.10.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING IMIDAZOQUINOLINE COMPOUNDS

• METHODES ET PRODUITS PERMETTANT D'AMÉLIORER DES REPONSES IMMUNITAIRES A L'AIDE DE COMPOSE D'IMIDAZOQUINOLINE

(71) UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, IA 52242 (US). COLEY PHARMACEUTICAL GMBH [DE/DE]; Elisabeth-Selbert-Strasse 9, 40764 Langenfeld (DE). COLEY PHARMACEUTICAL GROUP, INC. [US/US]; Suite 101, 93 Worcester Street, Wellesley, MA 02481 (US).

(72) KRIEG, Arthur, M.; 173 Winding River Road, Wellesley, MA 02481 (US). SCHETTER, Christian; Oerkshaushof 35, 40723 Hilden (DE). BRATZLER, Robert, L.; 84 Barns Hill Road, Concord, MA 01742 (US). VOLLMER, Jörg; Kohlrauschweg 24, 40591 Düsseldorf (DE). BAUER, Stefan; Waisenhausstrasse 13, 80637 München (DE). JURK, Marion; Steinkribbenstrasse 3, 40597 Düsseldorf (DE).

(74) TREVISAN, Maria, A.; 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 SI 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 SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 03/094837 (13) A2

(21) PCT/US03/12535

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 60/379,344 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TREATMENTS WITH AUTOLOGOUS FIBROBLAST

• TRAITEMENTS A L'AIDE DE FIBRO-BLASTES AUTOLOGUES

(63) US 60/379,344 (CON) 10 May/mai 2002 (10.05.2002)

(71) ISOLAGEN TECHNOLOGIES, INC. [US/US]; 2500 Wilcrest, Suite 540, Houston, TX 77042 (US).

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

(72, 75) MARKO, Olga [US/US]; 427 Polly Ann Terrace, Paramus, NJ 07652 (US). BOSS, William, K., Jr. [US/US]; 31 Devon Road, Essex Fells, NJ 07021 (US).

(74) MACPHAIL, Stuart; Fish & Richardson P.C., 45 Rockefeller Plaza, Suite 2800, New York, NY 10111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 A61K

(11) WO 03/094838 (13) A2

(21) PCT/US03/12576

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/144,679 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SIMPLE CATALYTIC DNA BIOSENSORS FOR IONS BASED ON COLOR CHANGES

• BIODETECTEURS D'IONS A CATALYSEUR D'ADN, BASES SUR DES CHANGEMENTS DE COULEUR

(71) BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 S. Wright, Urbana, IL 61801 (US).

(72) LU, Yi; 2712 Prairie Meadow Drive, Champaign, IL 61822 (US). LIU, Juewen; 1009 W. Stoughton Street, Apt. 7, Urbana, IL 61802 (US).

(74) RAUCH, Paul, E., Ph., D.; 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).

(51)⁷ A61K

(11) WO 03/094839 (13) A2

(21) PCT/US03/13627

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/379,658 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOUNDS, METHODS AND COMPOSITIONS

• COMPOSES, COMPOSITIONS ET PROCÉDES

(71) CYTOKINETICS, INC. [US/US]; 280 East Grand Avenue, South San Francisco, CA 94080 (US). SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19103 (US).

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(71, 72) MORGANS, David, J., C., Jr. [US/US]; 781 Vista Grande Avenue, Los Altos, CA 94024 (US). KNIGHT, Steven, David [US/US]; GlaxoSmithKline, UW2220, P.O. Box 1539, King of Prussia, PA 19406-0939 (US). NEWLANDER, Kenneth, A. [US/US]; GlaxoSmithKline, UW2220, P.O. Box 1539, King of Prussia, PA 19406-0939 (US). DHANAK, Dashyant [GB/US]; GlaxoSmithKline, UW2220, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(72, 75) ZHOU, Han-Jie [CN/US]; 1441 Beach Park Boulevard, #101, Foster City, CA 94404 (US). ADAMS, Nicholas, D. [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).

(74) STEVENS, Lauren, L.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094840 (13) A2

(21) PCT/US03/13843

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/141,668 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INDUCTION OF ANTIGEN SPECIFIC IMMUNOLOGIC TOLERANCE

• INDUCTION DE LA TOLERANCE IMMUNOLOGIQUE SPECIFIQUE D'ANTIGÈNES

(71) BIOMARIN PHARMACEUTICAL, INC. [US/US]; 371 Bel Marin Keys Blvd., Suite 210, Novato, CA 94949 (US). HARBOR-UCLA RESEARCH AND EDUCATION INSTITUTE [US/US]; 1124 West Carson Street, Torrance, CA 90502 (US).

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(72, 75) KAKKIS, Emil, D. [—/—]; 2512 Laguna Vista Drive, Novato, CA 94949 (US). PASSAGE, Merry [—/—]; 19723 Ronald Avenue, Torrance, CA 90503 (US). LESTER, Thomas [—/—]; 23632 Kentworthy Avenue, Harbor City, CA 90710 (US). YANG, Rebecca [—/—]; 4225 Via Arbolada #559, Los Angeles, CA 90042 (US). TANAKA, Christopher [—/—]; 15818 Denker Avenue, Apt.E, Gardena, CA 90247 (US).

(74) MCMILLIAN, Nabeela, R.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094841 (13) A2

(21) PCT/US03/13908

- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 60/377,855 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MAMMALIAN GENES INVOLVED IN RAPAMYCIN RESISTANCE AND TUMORGENESIS: ANNEXIN XIII GENES
• GENES DE MAMMIFERE IMPLIQUES DANS UNE RESISTANCE A LA RAPAMYCINE ET UNE GENESE TUMORALE : GENES D'ANNEXINE XIII
- (71) FUNCTIONAL GENETICS, INC. [US/US]; 12111 Parklawn Drive, Suite 202, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, Limin [CN/US]; 4808 Moorland Lane, Bethesda, MD 20814 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094842 (13) A2
- (21) PCT/US03/14050
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/378,333 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CONJUGATES COMPRISING A CENTRAL NERVOUS SYSTEM-ACTIVE DRUG LINKED TO GLUCURONIC ACID OR GLUCOSAMINE THROUGH AN AMIDE BOND AND USES THEREOF
• CONJUGUES COMPRENANT UN MEDICAMENT AGISSANT SUR LE SYSTEME NERVEUX CENTRAL, LEQUEL MEDICAMENT EST LIE A UN ACIDE GLUCURONIQUE OU A UNE GLUCOSAMINE PAR L'INTERMEDIAIRE D'UNE LIAISON AMIDE, ET UTILISATIONS CORRESPONDANTES
- (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, Washington, DC 20005 (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 03/094843 (13) A2
- (21) PCT/US03/14076
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 60/379,840 10 May/mai 2002 US (10.05.2002)
- (30) 60/381,291 17 May/mai 2002 US (17.05.2002)
- (30) 60/383,183 24 May/mai 2002 US (24.05.2002)
- (30) 60/394,146 5 Jul/juil 2002 US (05.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CELL ADHESION AND EXTRACELLULAR MATRIX PROTEINS
• PROTEINES D'ADHESION CELLULAIRE ET A MATRICE EXTRACELLULAIRE
- (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) KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). MASON, Patricia, M. [US/US]; 360 Clarke Lane, Morgan Hill, CA 95014 (US). HAFALIA, April, J.A. [US/US]; 15 Midvale Drive, Daly City, California 94015, Santa Clara, CA 94015 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). KABLE, Amy, E. [US/US]; 2345 Polk Street #4, San Francisco, CA 94109 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). BURFORD, Neil [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). GRAUL, Richard, C. [US/US]; 682-29th Avenue, San Francisco, CA 94121 (US). EMERLING, Brooke, M. [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). SPRAGUE, William, W. [US/US]; 611 13th Street # C, Sacramento, CA 95814 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). ISON, Craig, H. [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (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 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
- (11) WO 03/094844 (13) A2
- (21) PCT/US03/14098
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 10/140,602 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROSTATE CANCER-RELATED COMPOSITIONS, METHODS, AND KITS BASED ON DNA MACROARRAY PROTEOMICS PLATFORMS
• COMPOSITIONS ASSOCIEES AU CANCER DE LA PROSTATE, PROCÉDES ET TROUSSES FONDES SUR DES PLATES-FORMES PROTEOMIQUES DE JEUX ORDONNES DE MACRO-ECHANTILLONS
- (71) PHILADELPHIA HEALTH AND EDUCATION CORPORATION (D/B/A MCP HAHNEMANN UNIVERSITY) [US/US]; Broad and Vine Streets, Philadelphia, PA 19102 (US).
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- (72, 75) STEARNS, Mark [US/US]; 503 Chaumont Drive, Villanova, PA 19085 (US). HU, Youji [US/US]; 161 Lantern Lane, Gulph Mills, PA 19046 (US). WANG, Min [US/US]; 161 Lantern Drive, Gulph Mills, PA 19046 (US).
- (74) ALVAREZ, Raquel et al. / etc.; Morgan, Lewis & Bockius LLP, 1701 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094845 (13) A2

(21) PCT/US03/14222

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,497 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PYRIDINE-BASED THYROID RECEPTOR LIGANDS

• LIGANDS DU RECEPTEUR DE LA THYROÏDE A BASE DE PYRIDINE

(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) ZHANG, Minsheng [US/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US). HANGELAND, Jon [US/US]; 234 Louise Drive, Morrisville, PA 19067 (US). CARINGAL, Yolanda [US/US]; 307 Fountain Lane, Lawrenceville, NJ 08648 (US). FRIENDS, Todd [US/US]; 12 Chatham Court, Robbinsville, NJ 08691 (US).

(74) O'BRIEN, Maureen 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).

(51)⁷ A61K

(11) WO 03/094846 (13) A2

(21) PCT/US03/14381

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,988 8 May/mai 2002 US
(08.05.2002)(30) 60/389,366 15 Jun/juin 2002 US
(15.06.2002)(30) 60/406,697 28 Aug/août 2002 US
(28.08.2002)(30) 60/406,750 29 Aug/août 2002 US
(29.08.2002)(30) 60/415,310 1 Oct/oct 2002 US
(01.10.2002)(30) 60/415,400 2 Oct/oct 2002 US
(02.10.2002)(30) 60/438,686 9 Jan/jan 2003 US
(09.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRATHECAL AND INTRATUMORAL SUPERANTIGENS TO TREAT MALIGNANT DISEASE

• SUPERANTIGENES INTRATHECAUX ET INTRATUMORAUX SERVANT A TRAITER DES MALADIES MALIGNES

(71, 72) Terman, David, S. [US/US]; 3183 Palmero Way, Pebble Beach, CA 93953 (US).

(74) LIVNAT, Shmuel; VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, P.O. Box 34385, 1201 New York 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 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 03/094847 (13) A2

(21) PCT/US03/14382

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,711 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITIONS AND METHODS FOR IDENTIFYING ANTIVIRAL AGENTS

• COMPOSITIONS ET PROCÉDES D'IDENTIFICATION D'AGENTS ANTIVIRAUX

(71) EMORY UNIVERSITY [US/US]; 401 Administration Building, Atlanta, GA 30322 (US).

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(72, 75) DEVINE, Scott, E. [US/US]; 1107 Dan Johnson Road, N.E., 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 ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 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 03/094848 (13) A2

(21) PCT/US03/14450

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,843 10 May/mai 2002 US
(10.05.2002)(30) 60/383,457 24 May/mai 2002 US
(24.05.2002)(30) 60/384,699 31 May/mai 2002 US
(31.05.2002)(30) 60/387,265 6 Jun/juin 2002 US
(06.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NUCLEIC ACID-ASSOCIATED PROTEINS

• PROTEINES ASSOCIEES A DES ACIDES NUCLEIQUES

(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) KABLE, Amy, E. [US/US]; 2345 Polk Street #4, San Francisco, CA 94109 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). BULLOCH, Sean, A. [US/US]; 175 Calvert Drive #B-102, Cupertino, CA 95014 (US). KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). LEE, Soo, Y. [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). LAL, Preeti, G. [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D,

- San Francisco, CA 94122 (US). **BECHA, Shanya, D.** [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). **HAFALIA, April, J.A.** [US/US]; 15 Midvale Drive, Daly City, CA 94015 (US). **CHANG, Hsin-Ru** [US/US]; 326 Treasure Island Drive, Belmont, CA 94002 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **BOROWSKY, Mark, L.** [US/US]; 122 Orchard Avenue, Redwood City, CA 94061 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **HE, Ann** [CN/US]; 4601 Catalina Drive, San Jose, CA 95129 (US). **FORSYTHE, Ian, J.** [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). **SPRAGUE, William, W.** [US/US]; 611 13th Street # C, Sacramento, CA 95814 (US). **BLAKE, Julie, J.** [US/US]; 3818 Pacheco Street, San Francisco, CA 94116 (US). **WARREN, Bridget, A.** [US/US]; 116 Quail Gardens Drive, #116, Encinitas, CA 94024 (US). **MASON, Patricia, M.** [US/US]; 360 Clarke Lane, Morgan Hill, CA 95037 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (US). **LINDQUIST, Erika, A.** [US/US]; 2394 Mariner Square Drive #C-121, Alameda, CA 94501 (US). **WILSON, Amy, D.** [US/US]; 1056 Continentals Way, #27, Belmont, CA 94002 (US). **JIN, Pei** [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/094850** (13) **A2**
- (21) PCT/US03/14633
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/378,645 **9 May/mai 2002 US (09.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS**
- **ANALOGUES DU LIPIDE A ET D'AUTRES LIGANDS GLUCIDIQUES**
- (71) **BIOMIRA, INC.** [CA/CA]; Edmonton Research Park, 2011 - 94 Street, Edmonton, Alberta TGN 1H1 (CA).
(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).
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- (72, 75) **JIANG, Zi-Hua** [CN/CA]; 2512-106 Street, Edmonton, Alberta T6J 4R8 (CA). **KOGANTY, R., Rao** [CA/CA]; 11605 - 26 Avenue, Edmonton, Alberta T6J 3R3 (CA). **BUDZYNSKI, Wladyslaw** [PL/CA]; 783 Butterworth Dr., Edmonton, Alberta T6R 2P6 (CA).
- (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).
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- (51)⁷ **A61K**
- (11) **WO 03/094849** (13) **A2**
- (21) PCT/US03/14617
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 60/379,145 **10 May/mai 2002 US (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **FERRITIN FUSION PROTEINS FOR USE IN VACCINES AND OTHER APPLICATIONS**
- **PROTEINES DE FUSION DE FERRITINE UTILISEES DANS DES VACCINS ET D'AUTRES APPLICATIONS**
- (71) **NEW CENTURY PHARMACEUTICALS, INC.** [US/US]; 895 Martin Road, Huntsville, AL 35824 (US).
- (72) **CARTER, Daniel, C.**; 3131 Heatherhill Circle, Huntsville, AL 35802 (US). **LI, Chester, Q.**; 105 Springton Drive, Madison, AL 35758 (US).
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,835 **11 May/mai 2002 US (11.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **1,1- AND 1,2-BISPHOSPHONATES AS APOLIPROTEIN E MODULATORS**
- **UTILISATION DE 1,1- ET 1,2-DIPHOSPHONATES COMME MODULATEURS DE L'APOLIPROTEINE E**
- (63) US 60/379,835 (CON)
11 May/mai 2002 (11.05.2002)
- (71) **ILEX PRODUCTS, INC.** [US/US]; 4545 Horizon Hill Boulevard, San Antonio, TX 78229-2263 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MONTES, Imber, Flores** [BO/CH]; Avenue du Lignon 18, CH-1219 Le Lignon (CH). **PHAN, Hieu, Trung** [CH/CH]; 8, Chemin de Benuyer, CH-1295 Tannay (CH). **NGUYEN, Lan, Mong** [CH/CH]; La Lavratte 14, CH-1260 Nyon (CH). **DIEP, Vinh, Van** [CH/FR]; 7, Impasse du Soladret, F-74100 Vétraz-Monthoux (FR). **BURATTINI, Emanuele** [IT/CH]; Rue du Merk-D, Aubigne 4, CH-1207 Geneva (CH). **SEVERI, Carlo** [CH/CH]; Avenue du Lignon 18, CH-1219 Lignon (CH). **NEISOR, Eric, Joseph** [FR/CH]; Chemin de Bonmont 13C, CH-1260 Nyon (CH). **PEREZ, Anne** [CH/CH]; 276, route des Fayards, CH-1290 Versoix (CH). **THUIL-LARD, Jean-Luc** [CH/CH]; Camp de Joux 660, CH-1264 St Cergue (CH). **GUYON-GELLIN, Yves** [FR/FR]; Rue des Cailles 35, Villa-La-Grand 74100, F-74100 Annemasse (FR). **BENTZEN, Craig, Leigh** [US/CH]; Chemin de la Chevrerie 3, CH-1279 Bogis-Bossey (CH).
- (74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski L.L.P., Suite 2400, 600 Congress Avenue, 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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/094852** (13) **A2**
- (21) PCT/US03/14728
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,900 **11 May/mai 2002 US (11.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **HYDROXYPHOSPHONATES AND PHOSPHONOPHOSPHATES AS APOLIPROTEIN E MODULATORS**

- UTILISATION D'HYDROXYPHOSPHONATES ET PHOSPHONOPHOSPHATES COMME MODULATEURS DE L'APOLIPOPROTEINE E
- (63) US 60/379,900 (CON) 11 May/mai 2002 (11.05.2002)
- (71) ILEX PRODUCTS, INC. [US/US]; 4545 Horizon Hill Boulevard, San Antonio, TX 78229-2263 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MONTES, Imber, Flores [BO/CH]; Avenue du Lignon 18, CH-1219 Le Lignon (CH). PHAN, Hieu, Trung [CH/CH]; 8, Chemin de Benuyer, CH-1295 Tannay (CH). NGUYEN, Lan, Mong [CH/CH]; La Lavratte 14, CH-1260 Nyon (CH). BURATTINI, Emanuele [IT/CH]; Rue du Merk-D, Aubigne 4, CH-1207 Geneva (CH). NEISOR, Eric, Joseph [FR/CH]; Chemin de Bonmont 13C, CH-1260 Nyon (CH). PEREZ, Anne [CH/CH]; 276, route des Fayards, CH-Versoir (CH). THUILLARD, Jean-Luc [CH/CH]; Champ de Joux 660, CH-1264 St Cergue (CH). GUYON-GELLIN, Yves [FR/FR]; Rue des Cailles 35, Villa-La-Grand 74100, F-74100 Annemasse (FR). BENTZEN, Craig, Leigh [US/CH]; Chemin de la Cheverrie 3, CH-1279 Bogis-Bossey (CH).
- (74) HIGHLANDER, Steven, L.; Fulbright & Jaworski L.L.P., Suite 2400, 600 Congress Avenue, 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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/094853 (13) A2
- (21) PCT/US03/14730
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/379,186 9 May/mai 2002 US (09.05.2002)
- (30) 10/434,004 8 May/mai 2003 US (08.05.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPOSITIONS AND METHODS FOR COMBATING LOWER URINARY TRACT DYSFUNCTIONS WITH DELTA OPIOID RECEPTOR AGONISTS
- COMPOSITIONS ET METHODES DE TRAITEMENT DE DYSFONCTIONNEMENTS DES VOIES URINAIRES BASSES AU MOYEN D'AGONISTES DU RECEPTEUR OPIOIDE DELTA
- (71) ARDENT PHARMACEUTICALS, INC. [US/US]; 631 United Drive, Suite 200, Durham, NC 27713 (US).
- (72) CHANG, Kwen-Jen; 104 Sierra Drive, Chapel Hill, NC 27514 (US). GENGO, J., Peter; 12117 Warwickshire Way, Raleigh, NC 27613 (US). BICIUNAS, Kestutis, P.; 118 Oliver Lane, Durham, NC 27713 (US). MA, Xin; 106 A Lilac Drive, Carrboro, NC 27510 (US). PENDERGAST, William; 5816 Williamsburg Way, Durham, NC 27514 (US). JAN, Shyi-Tai; 127 Maldon Drive, Cary, NC 27514 (US).
- (74) HULTQUIST, Steven, J. et al. / etc.; Intellectual Property/Technology Law, P.O. Box 14329, 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/094854 (13) A2
- (21) PCT/US03/14858
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/378,795 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SUCCINOYL AMINOPYRAZOLES AND RELATED COMPOUNDS
- SUCCINOYL AMINOPYRAZOLES ET COMPOSES ASSOCIES
- (71) ELAN PHARMACEUTICALS, INC. [US/US]; 700 Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TUNG, Jay S., [US/US]; 2224 Semeria, Belmont, CA 94002 (US). GUINN, Ashley, C. [US/US]; 335 Talbot Avenue, #102A, Pacifica, CA 94044 (US). THORSETT, Gene [US/US]; 326 Purissima Street, Half Moon Bay, CA 94019 (US). PLEISS, Mike, A. [US/US]; 848 Stella Court, Sunnyvale, CA 94087 (US).
- (74) HALLUIN, Albert et al. / etc.; HOWREY SIMON ARNOLD & WHITE, LLP, 301 Ravenswood Avenue, Box 34, 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).
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/094856 (13) A1
- (21) PCT/US03/14880
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/379,140 8 May/mai 2002 US (08.05.2002)
- (30) 60/426,058 13 Nov/nov 2002 US (13.11.2002)
- (30) 10/329,295 23 Dec/déc 2002 US (23.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR TREATING CARDIAC ARRHYTHMIAS WITH FIBROBLAST CELLS
- SYSTEME ET PROCEDE DE TRAITEMENT D'ARYTHMIES CARDIAQUES AU MOYEN DE CELLULES DE FIBROBLASTES
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office Of The President, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US). RHYTHM THERAPEUTICS CORPORATION [US/US]; 6520 Edenvale Boulevard, Suite 230, Eden Prairie, MN 55346 (US).
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- (72, 75) LEE, Randall, J. [US/US]; 80 Downey Way, Hillsborough, CA 94010, - (US). MACIEJEWSKI, Mark [US/US]; 6 Orchard Lane, Eden Prairie, MN 55346 (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).
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- Published / Publiée : (c)
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- (51)⁷ A61K
- (11) WO 03/094856 (13) A2
- (21) PCT/US03/14882
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/379,173 9 May/mai 2002 US (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

(54) • ILIRL-1 AS A CARDIOVASCULAR DISEASE MARKER AND THERAPEUTIC TARGET

• ILIRL-1 UTILISE COMME MARQUEUR DE MALADIES CARDIO-VASCULAIRES ET CIBLE THERAPEUTIQUE

(71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) LEE, Richard, T.; 4 Country Drive, Weston, MA 02493 (US).

(74) LOCKHART, Helen, C.; 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 ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094857 (13) A2

(21) PCT/US03/14946

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,941 10 May/mai 2002 US (10.05.2002)

(30) 60/462,859 14 Apr/avr 2003 US (14.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STIMULATION BY TOLL-LIKE RECEPTORS INHIBITS OSTEOCLAST DIFFERENTIATION

• STIMULATION, PAR DES RECEPTEURS DE TYPE TOLL, QUI INHIBE LA DIFFERENTIATION DES OSTEOCLASTES

(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Center For Technology Transfer, 3160 Chestnut street, Suite 200, Philadelphia, PA 19104-6283 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHOI, Yongwon [US/US]; 751 Bryn Mawr Avenue, Bryn Mawr, PA 19010 (US).

(74) DOYLE, Kathryn; MORGAN, LEWIS & BOCKIUS LLP, 1701 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/094858 (13) A2

(21) PCT/US03/14995

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,506 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CTP-EXTENDED ERYTHROPOIETIN

• ÉRYTHROPOÏÉTINE COMPORTANT UNE EXTENSION CTP

(71) TECHNION ENTREPRENEURIAL INCUBATOR COMPANY LTD. [IL/IL]; MATAM - Advanced Technology Center, Building No. 30, Haifa 31905 (IL).

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(72, 75) BOIME, Irving [US/US]; 27 Oak Park Drive, St. Louis, MO 63141 (US). FARES, Faud [IL/IL]; 7 Michael Street, Haifa 34362 (IL).

(74) MURASHIGE, Kate, H. et al. / etc.; Morrisson & 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).

(51)⁷ A61K

(11) WO 03/094859 (13) A2

(21) PCT/US03/15044

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,322 10 May/mai 2002 US (10.05.2002)

(30) 60/418,213 14 Oct/oct 2002 US (14.10.2002)

(30) 60/460,507 3 Apr/avr 2003 US (03.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EPHA2 MONOCLONAL ANTIBODIES AND METHODS OF USE THEREOF

• ANTICORPS MONOCLONAUX CONTRE EPHA2 ET LEURS MÉTHODES D'UTILISATION

(71) MEDIMMUNE, INC. [US/US]; 35 West Watkins Mill Road, Gaithersburg, MD 20878 (US).

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

(72, 75) KINCH, Michael, S. [US/US]; 19627 Hoover Farm Drive, Laytonville, MD 20882 (US). CARLES-KINCH, Kelly [US/US]; 19627 Hoover Farm Drive, Laytonville, MD 20882 (US). KIENER, Peter [US/US]; 14017 Gorky Drive, Potomac, MD 20854 (US). LANGERMANN, Solomon [US/US]; 6606 Cross Country, Baltimore, MD 21215 (US).

(74) INSOGNA, Anthony, M.; 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 A61K

(11) WO 03/094860 (13) A2

(21) PCT/US03/15081

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,022 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF HOMO SAPIENS CHROMOSOME 1 OPEN READING FRAME 28 (C1ORF28) IN THE DIAGNOSIS OF HYPERPARATHYROIDISM-JAW TUMOR SYNDROME

• UTILISATION DU CADRE DE LECTURE OUVERT 28 DU CHROMOSOME 1 (C1ORF28) D'<I>HOMO SAPIENS </I>DANS LE DIAGNOSTIC DU SYNDROME D'UNE TUMEUR DE MACHOIRE LIEE A L'HYPERPARATHYROIDISME (HPT-JT)

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US). DUKE UNIVERSITY [US/US]; Office of Science and Technology, 2020 W. Main Street, Suite 10, Durham, NC 27705 (US).

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(72, 75) CARPTEN, John [US/US]; 9025 Green Run Way, Gaithersburg, MD 20879 (US). TRENT, Jeffrey [US/US]; 10 Fairwood Court, Rockville, MD 20850 (US). THAKKER, Rajesh [GB/GB]; 25 Chawley Lane, Cumnor, Oxford OX2 9PX (GB).

(74) LARCHER, Carol et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 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 A61K

(11) WO 03/094861 (13) A2

(21) PCT/US03/15225

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,367 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BIS-BENZIMIDAZOLES AND RELATED COMPOUNDS AS POTASSIUM CHANNEL MODULATORS

• BIS-BENZIMIDAZOLES ET COMPOSES ASSOCIES UTILISES COMME MODULATEURS DES CANAUX POTASSIQUES

(71) ICAGEN, INC. [US/US]; 4222 Emperor Boulevard, Suite 350, Durham, NC 27703 (US).

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

(72, 75) WANG, Xiaodong [US/US]; 301 Englewood Drive, Chapel Hill, NC 27514 (US). FULP, Alan, Bradley [US/US]; 1613 Middle Ridge Drive, Willow Springs, NC 27592 (US). VAN RHEE, Albert, Michiel [NL/US]; 106 Tenure Circle, Durham, NC 27713 (US). SPEAR, Kerry, Leigh [US/US]; 3308 Clandon Park Drive, Raleigh, NC 27613 (US).

(74) MANN, Jeffry, S. 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 03/094862 (13) A2

(21) PCT/US03/15357

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,566 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • tRNA SYNTHASE: MODULATORS OF ANGIOGENESIS

• ARNT SYNTHASE UTILISEE COMME MODULATEUR DE L'ANGIOGENESE

(71) RIGEL PHARMACEUTICALS, INC. [US/US]; 1180 Veterans Blvd., South San Francisco, CA 94080 (US).

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

(72, 75) LORENS, James [US/US]; 7 Berenda Way, Portola Valley, CA 94028 (US). XU, Weiduan [CN/US]; 1800 22nd Ave., #203, San Francisco, CA 94122 (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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 03/094863 (13) A2

(21) PCT/US03/05887

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 10/143,353 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRA-BRONCHIAL OBSTRUCTING DEVICE THAT PERMITS MUCUS TRANSPORT

• DISPOSITIF D'OBSTRUCTION INTRA-BRONCHIQUE PERMETTANT LE TRANSPORT DE MUCUS

(63) US 10/143,353 (CIP) 9 May/mai 2002 (09.05.2002)

(71) SPIRATION, INC. [US/US]; 18109 NE 76th St, Redmond, WA 98052 (US).

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

(72, 75) DILLARD, David, H. [US/US]; 7923 - 152nd Ave NE, Redmond, WA 98052 (US). ALFERNES, Clifton, A. [US/US]; 9010 - 258th Ave NE, Redmond, WA 98053 (US). DEVORE, Lauri, J. [US/US]; 17036-13th Avenue NE, Seattle, WA 98155 (US). GONZALES, Hugo, X. [EC/US]; 23406 - 75th Ave SE, Woodinville, WA 98072 (US).

(74) KNOBBE, MARTENS, OLSON & BEAR; 2040 Main Street, Fourteenth 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 MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 7/00

(11) WO 03/094864 (13) A2

(21) PCT/FR03/01364

(22) 30 Apr/avr 2003 (30.04.2003)

(25) fr (26) fr

(30) 02/05681 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL POLYOL-GLYCOSIDE COMPOSITIONS FOR THE SKIN

• NOUVELLES COMPOSITIONS A USAGE CUTANE A BASE DE POLYOLS-GLYCOSIDES

(71) SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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(72, 75) STOLTZ, Corinne [FR/FR]; 10, rue Paul Cézanne, F-94320 Thiais (FR). BOITEUX, Jean-Pierre [FR/FR]; Le Fargadou, F-81710 Saix (FR). MILIUS, Alain [FR/FR]; 24, Boulevard Joseph Garnier, F-06000 Nice (FR). ROLLAND, Hervé [FR/FR]; 92bis, chemin des Fourches, F-81100 Castres (FR). TABACCHI, Guy [FR/FR]; 101, rue Saint Dominique, F-75007 Paris (FR). GARCIA, Christine [FR/FR]; 38, rue du Commandant Prat, F-81100 Castres (FR).

(74) CONAN, Philippe et al. / etc.; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (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).

(51)⁷ A61K 7/00, 7/48, 7/42, 47/14, A61P 17/16

(11) WO 03/094865 (13) A1

(21) PCT/IP03/05701

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-134438 9 May/mai 2002 JP (09.05.2002)

(30) 2002-144565 20 May/mai 2002 JP (20.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXTERNAL PREPARATIONS FOR SKIN

• PREPARATIONS EXTERNES POUR LA
PEAU

(71) SHISEIDO COMPANY, LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).

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(72, 75) OGUCHI, Nozomi [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). MIYAHARA, Reiji [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). KAKOKI, Hiroyuki [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). OMURA, Takayuki [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(74) TAKANO, Toshihiko et al. / etc.; c/o TAKANO & CO., 32-802, Kitamachi, Shinjuku-ku, Tokyo 162-0834 (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 A61K 7/00, 7/48

(11) WO 03/094866 (13) A1

(21) PCT/US03/14320

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,217 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RINSABLE SKIN CONDITIONING COMPOSITIONS

• COMPOSITIONS RINÇABLES POUR LE SOIN DE LA PEAU

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) DECKNER, George, Endel; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). MANCHUSO, Scott, Edward; 1155 Halpin Avenue, West Chester, OH 45069 (US). MONSUEIR, William, Joseph; 9754 Flagstone Way, West Chester, OH 45069 (US). RODRIGUEZ, Victor, Ruben; 6558 Glenarbor Drive, West Chester, OH 45069 (US). SINE, Mark, Richard; 4131 Fox Run Trail, Cincinnati, OH 45255 (US).

(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) 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).

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(51)⁷ A61K 7/00, 7/48

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(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,217 9 May/mai 2002 US (09.05.2002)

(30) 10/298,891 18 Nov/nov 2002 US (18.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RINSABLE SKIN CONDITIONING COMPOSITIONS

• COMPOSITIONS RINÇABLES POUR LE SOIN DE LA PEAU

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) DECKNER, George, Endel; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). MANCHUSO, Scott, Edward; 1155 Halpin Avenue, West Chester, OH 45069 (US). MONSUEIR, William, Joseph; 9754 Flagstone Way, West Chester, OH 45069 (US). RODRIGUEZ, Victor, Ruben; 6558 Glenarbor Drive, West Chester, OH 45069 (US). SINE, Mark, Richard; 4131 Fox Run Trail, Cincinnati, OH 45255 (US).

(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) 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).

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(51)⁷ A61K 7/02, 7/027

(11) WO 03/094868 (13) A1

(21) PCT/EP03/02327

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de

(26) de

(30) 202 07 329.7 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COSMETIC PREPARATION

• COMPOSITION COSMETIQUE

(71) SCHWAN-STABILO COSMETICS GMBH & CO [DE/DE]; Schwanweg 1, 90562 Heroldsberg (DE).

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(72, 75) ZECH, Christina [DE/DE]; Kolpingstr. 61c, Kaufering 86916 (DE).

(74) LEISSLER-GERSTL, Gabriele; Eisenführ, Speiser & Partner, Arnulfstr. 25, 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 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 SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/02, 7/48

(11) WO 03/094869 (13) A1

(21) PCT/EP03/04883

(22) 9 May/mai 2003 (09.05.2003)

(25) de

(26) de

(30) 202 07 328.9 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIPID-CONTAINING COSMETIC PREPARATION

• PREPARATION COSMETIQUE CONTENANT DES LIPIDES

(71) SCHWAN-STABILO COSMETICS GMBH & CO. [DE/DE]; Schwanweg 1, 90562 Heroldsberg (DE).

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

(72, 75) EMIG, Susanne [DE/DE]; Goethestr. 45, 90542 Eckental (DE).

(74) LEISSLER-GERSTL, Gabriele; Eisenführ, Speiser & Partner, Arnulfstr. 25, 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 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 A61K 7/043

(11) WO 03/094870 (13) A1

(21) PCT/CA03/00699

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2,383,296 10 May/mai 2002 CA (10.05.2002)

(30) 60/388,368 14 Jun/juin 2002 US (14.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NAIL COSMETIC COMPOSITIONS

• COMPOSITIONS COSMETIQUES POUR LES ONGLES

(71) FORMULE DIAMANCEL INC. [CA/CA]; 4345, boulevard Poirier, Ville St-Laurent, Québec H4R 2A4 (CA).

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

(72, 75) GODBOUT, Ginette [CA/CA]; 3195, boulevard Toupin, Ville St-Laurent, Québec H4K 1Y9 (CA).

(74) OGILVY RENAULT et al. / etc.; 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 7/48

(11) WO 03/094871 (13) A1

(21) PCT/US03/14695

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,992 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PERSONAL CARE COMPOSITIONS COMPRISING A DICARBOXY FUNCTIONALIZED POLYORGANOSILOXANE

• COMPOSITIONS POUR LES SOINS PERSONNELS COMPRENANT UN POLYORGANOSILOXANE FONCTIONNALISÉ PAR DICARBOXY

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). RHO-DIA, Chimie [FR/FR]; 25 Quai Paul Doumer, F-92408 Courbevoix Cedex (FR).

(72) MAJETI, Satyanarayana; 8305 Cherry Laurel Drive, Middletown, OH 45044 (US).

RENO, Elizabeth, Ann, Brown; 5553 Venus Lane, Fairfield, OH 45014 (US). KOVACS, Stephen, Andras; 112 Ravinewood Terrace, Loveland, OH 45140 (US). OLIER, Philippe; 177, Grande rue de la Guillotière, F-69007 Lyon (FR).

(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 A61K 7/075

(11) WO 03/094872 (13) A1

(21) PCT/EP03/03722

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 0210936.1 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAIR CONDITIONING COMPOSITIONS

• COMPOSITIONS DE CONDITIONNEMENT POUR LES CHEVEUX

(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, 75) EVERAERT, Emmanuel, Paul, Jos, Marie [BE/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). MAHADESHWAR, Anand, Ramchandra [IN/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). TAN-WALKER, Ruby,

Loo, Bick [MY/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). WIRE, Stephen, Lee [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) TANSLEY, Sally, Elizabeth 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/075

(11) WO 03/094873 (13) A1

(21) PCT/EP03/04238

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 0210791.0 10 May/mai 2002 GB (10.05.2002)

(30) 0228879.3 11 Dec/déc 2002 GB (11.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAIR CONDITIONING COMPOSITIONS

• COMPOSITIONS DE TRAITEMENT DES CHEVEUX

(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, 75) DERICI, Leo [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). JENKINS, Paul, David [GB/GB]; Unilever R & D

Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). MURRAY, Andrew, Malcolm [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). SHAW, Neil, Scott [GB/GB]; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 7/075

(11) WO 03/094874 (13) A1

(21) PCT/EP03/04239

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en
(30) 0210791.0 10 May/mai 2002 GB
(10.05.2002)

(30) 0228880.1 11 Dec/déc 2002 GB
(11.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDITIONING SHAMPOO COMPOSITION
• COMPOSITION POUR SHAMPOOING CONDITIONNEUR

(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, 75) DERICI, Leo [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). JENKINS, Paul, David [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). SHAW, Neil, Scott [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). TAN-WALKER, Ruby, Loo, Bick [GB/GB]; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/08, 7/075

(11) WO 03/094875 (13) A1

(21) PCT/EP03/04237

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en
(30) 0210791.0 10 May/mai 2002 GB
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAIR CONDITIONING COMPOSITIONS
• COMPOSITIONS DE TRAITEMENT CAPILLAIRE

(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, 75) DERICI, Leo [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). JENKINS, Paul, David [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). MURRAY, Andrew, Malcolm [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). SHAW, Neil, Scott [GB/GB]; 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) 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).

Published / Publiée : (c)

(51)⁷ A61K 7/16, 7/28

(11) WO 03/094876 (13) A1

(21) PCT/US03/14485

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en
(30) 10/143,395 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTIBACTERIAL DENTIFRICE EXHIBITING ANTIPLAQUE AND BREATH FRESHENING PROPERTIES
• DENTIFRICE ANTIBACTERIEN PRESENTANT DES PROPRIETES ANTIPLAQUES ET DES PROPRIETES DE RAFFRAICHISSEMENT D'HALEINE

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

(72) SZELES, Lori, H.; 44 Watson Court, Howell, NJ 07731 (US). LIU, Xiaoyan; 909 South Park Avenue, Highland Park, NJ 08904 (US). WILLIAMS, Malcolm; 224 Hillside Avenue, Piscataway, NJ 08854 (US). MAS-TERS, James, G.; 1 Stephen Court, Ringoes, NJ 08851 (US).

(74) SHAPIRO, Paul et al. / etc.; 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 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 A61K 7/16

(11) WO 03/094877 (13) A1

(21) PCT/US03/14694

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,994 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ORAL CARE COMPOSITIONS COMPRISING DICARBOXY FUNCTIONALIZED POLYORGANOSILOXANES

• COMPOSITIONS POUR LES SOINS BUCCAUX, CONTENANT DES POLYORGANOSILOXANES FONCTIONNALISÉS PAR DES GROUPEMENTS DICARBOXY

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) MAJETI, Satyanarayana; 8305 Cherry Laurel Drive, Middletown, OH 45044 (US). RENO, Elizabeth, Ann, Brown; 5553 Venus Lane, Fairfield, OH 45014 (US). KOVACS, Stephen, Andras; 112 Ravinewood Terrace, Loveland, OH 45140 (US). OLIER, Philippe; 177, Grande rue de la Guillotiere, F-69007 Lyon (FR). GLANDORF, William, Michael; 6933 Keeneland Way, Mason, OH 45040 (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 A61K 7/26, 31/353, 35/78, A61P 1/02, 31/04, 43/00, C07D 311/60, A23L 1/03

(11) WO 03/094878 (13) A1

(21) PCT/JP03/05884

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-136081 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GALLOCATECHIN GALLATE-CONTAINING COMPOSITION

• COMPOSITION DE GALLOCATECHINE CONTENANT DU GALLATE

(71) SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).

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

(72, 75) MAEDA, Mitsuru [JP/JP]; 2-15-5, Kinugawa, Otsu-shi, Shiga 520-0244 (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) AU 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).

(51)⁷ A61K 7/28, 7/22, 7/16

(11) WO 03/094879 (13) A1

(21) PCT/US03/14569

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,388 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTIBACTERIAL DENTIFRICE EXHIBITING ENHANCED ANTIPLAQUE AND BREATH FRESHENING PROPERTIES

• DENTIFRICE ANTIBACTERIEN PRESENTANT DES PROPRIÉTÉS ANTIPLAQUE ET DE RAFRAICHISSEMENT D'HALEINE

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

(72) SZELES, Lori, H.; 44 Watson Court, Howell, NJ 07731 (US). LIU, Xiaoyan; 909 South Park Avenue, Highland Park, NJ 08904 (US). WILLIAMS, Malcolm; 224 Hillside Avenue, Piscataway, NJ 08854 (US). CARALE, M., Teresa, R.; 23 Moran Avenue, Princeton, NJ 08542 (US). PRENCIPE, Michael; 39 Spruce Street, Princeton Junction, NJ 08550 (US). MASTERS, James, G.; 1 Stephen Court, Ringoes, NJ 08851 (US).

(74) SHAPIRO, Paul et al. / etc.; 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 A61K 7/32, 7/38

(11) WO 03/094880 (13) A1

(21) PCT/US03/13959

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/142,140 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STABILIZED ANTIPERSPIRANT COMPOSITIONS CONTAINING ALUMINUM-ZIRCONIUM SALTS WITH LOW M:CL RATIO

• COMPOSITIONS ANTITRANSPIRANTES STABILISÉES CONTENANT DES SELS D'ALUMINIUM-ZIRCONIUM AYANT UN FAIBLE RAPPORT M:CL

(63) US 10/142,140 (CON) 9 May/mai 2002 (09.05.2002)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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

(72, 75) YIN, Yuling [US/US]; 30 Royal Street, (#2), Quincy, MA 02170 (US). SANE, Yayant, N. [US/US]; 32 Pamela Road, Framingham MA 01701 (US). SHEN, Yan-Fei [US/US]; 2 Staiti Circle, Canton, MA 02021 (US).

(74) RICHARD, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, A61P 17/00, 17/02, 17/06, 17/10, A61K 9/06, 33/04, 33/30, 31/095

(11) WO 03/094881 (13) A1

(21) PCT/EP03/04658

(22) 3 May/mai 2003 (03.05.2003)

(25) de (26) de

(30) 102 20 868.9 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITION AND THE USE
THEREOF AS A PHARMACEUTI-
CAL OR COSMETIC FORMULATION
FOR EXTERNAL USE• COMPOSITION ET SON UTILISATION
COMME FORMULATION PHARMA-
CEUTIQUE OU COSMETIQUE POUR
APPLICATION EXTERNE(71, 72) KLEWINGHAUS, Maria [DE/DE];
Im Bruchfeld 33, 40764 Langenfeld (DE).
KLEWINGHAUS, Uwe [DE/DE]; Im
Bruchfeld 33, 40764 Langenfeld (DE).(74) GILLE HRABAL STRUCK NEIDLEIN
PROP ROOS; Brucknerstr. 20, 40593 Düs-
seldorf (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
TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/094882 (13) A1

(21) PCT/JP03/05702

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) NO. 2002-134440 9 May/mai 2002 JP
(09.05.2002)(30) 60/379,753 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SKIN WHITENING EXTERNAL
PREPARATION• PREPARATION EXTERNE DE BLAN-
CHIMENT DE LA PEAU(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) TSUZUKI, Toshi [JP/JP]; c/o Corpo-
rate R & D Center, SHOWA DENKO K.K.,
1-1-1, Oonodai, Midori-ku, Chiba-shi, Chiba
267-0056 (JP). KATO, Eiko [JP/JP]; c/o
Corporate R & D Center, SHOWA DENKO
K.K., 1-1-1, Oonodai, Midori-ku, Chiba-shi,
Chiba 267-0056 (JP). OGATA, Eiji [JP/JP];
c/o Corporate R & D Center, SHOWA
DENKO K.K., 1-1-1, Oonodai, Midori-ku,
Chiba-shi, Chiba 267-0056 (JP). IKENO, Hi-
roshi [JP/JP]; 3-4-16, Narimasu, Itabashi-ku,
Tokyo 175-0094 (JP).(74) SUZUKI, Shunichiro; S.SUZUKI & ASSO-
CIATES, 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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/094883 (13) A2

(21) PCT/GB03/01894

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02 10527.8 8 May/mai 2002 GB
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR THE TREATMENT OF
PARTICLES FOR USE IN PHARMA-
CEUTICAL FORMULATIONS• PROCEDE DE TRAITEMENT DE PAR-
TICULES DESTINEES A ETRE UTI-
LISEES DANS DES FORMULATIONS
PHARMACEUTIQUES(71) THE UNIVERSITY OF BATH [GB/GB];
Claverton Down, Bath, BA2 7AY (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PRICE, Robert [GB/GB]; 12 Court
House Road, Llanfair Discoed, Chepstow,
Monmouthshire NP16 6LW (GB).(74) SCOTT, Susan, Margaret et al. / etc.; Abel
& Imray, 20 Red Lion Street, London 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 NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, 47/26, 47/36, 9/14

(11) WO 03/094884 (13) A1

(21) PCT/GB03/02044

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210771.2 10 May/mai 2002 GB
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DERIVATISED PARTICULATE IN-
HALATION CARRIERS• SUPPORTS D'INHALATION PARTICU-
LAIRE DERIVES(71) SCHOOL OF PHARMACY, UNIVER-
SITY OF LONDON [GB/GB]; 29/39
Brunswick Square, London WC1N 1AX
(GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) AL-HADITHI, Dima [GB/GB]; School
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Brunswick Square, London WC1N 1AX
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don, 29/39 Brunswick Square, London
WC1N 1AX (GB). BROCCCHINI, Stephen
[US/GB]; School of Pharmacy, University of
London, 29/39 Brunswick Square, London
WC1N 1AX (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
RU SC SD SE SG SK SL TJ TM TN TR
TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, 38/11

(11) WO 03/094885 (13) A1

(21) PCT/IB02/04036

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 0210397.6 7 May/mai 2002 GB
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBLINGUAL PHARMACEUTICAL
FORMULATION OF DESMOPRESSIN• FORMULATION PHARMACEUTIQUE
SUBLINGUALE A BASE DE DESMO-
PRESSINE(71) FERRING BV [NL/NL]; Polaris Avenue
144, NL-2132 JX Hoofddorp (NL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) NILSSON, Anders [SE/DK]; Fer-
ring Pharmaceuticals A/S, Kay Fiskers
Plads, DK-2300 Copenhagen S (DK).
SENDEROVITZ, Thomas [DK/DK]; Fer-
ring Pharmaceuticals A/S, Kay Fiskers Plads,
DK-2300 Copenhagen S (DK). LINDNER,
Hans [DE/DK]; Ferring Pharmaceuticals
A/S, Kay Fiskers Plads, DK-2300 Copen-
hagen S (DK). WITTENDORFF, Jørgen
[DK/DK]; Ferring Pharmaceuticals A/S, Kay
Fiskers Plads, DK-2300 Copenhagen S (DK).
NARDI, Ron [US/US]; Ferring Pharmaceu-
ticals Inc., 120 White Plains Road, Suite 400,
Tarrytown, NY 10591 (US). FEIN, Seymour
[US/US]; Ferring Pharmaceuticals Inc., 120

- White Plains Road, Suite 400, Tarrytown, NY 10591 (US).
- (74) **BATES, Philip, Ian**; 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 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 9/00**
- (11) **WO 03/094886** (13) **A2**
- (21) PCT/IB03/02368
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 0210397.6 **7 May/mai 2002 (07.05.2002)** GB
- (30) PCT/IB02/04036 **20 Sep/sep 2002 (20.09.2002)** IB
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **PHARMACEUTICAL FORMULATIONS**
• **PREPARATIONS PHARMACEUTIQUES**
- (71) **FERRING BV** [NL/NL]; Polaris Avenue 144, NL-2132 JX Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NILSSON, Anders** [SE/DK]; c/o Ferring Pharmaceuticals A/S, Kay Fiskers Plads, DK-2300 Copenhagen S (DK). **LINDNER, Hans** [DE/DK]; c/o Ferring Pharmaceuticals A/S, Kay Fiskers Plads, DK-2300 Copenhagen S (DK). **WITTENDORFF, Jørgen** [DK/DK]; c/o Ferring Pharmaceuticals A/S, Kay Fiskers Plads, DK-2300 Copenhagen S (DK).
- (74) **BATES, Philip, Ian**; 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 **A61K 9/00**
- (11) **WO 03/094887** (13) **A1**
- (21) PCT/KR03/00921
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) ko (26) en
- (30) 10-2002-0025522 **9 May/mai 2002 (09.05.2002)** KR
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **SUSTAINED RELEASE FORMULATION OF PROTEIN AND PREPARATION METHOD THEREOF**
• **FORMULATION DE PROTEINE A LIBERATION PROLONGEE ET PROCEDE DE PREPARATION DE LADITE FORMULATION**
- (71) **PEPTRON CO., LTD** [KR/KR]; 385-19, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Hee-Yong** [KR/KR]; #110-1003, Sejong Apt., 462-5 Jeonmin-dong, Yuseong-gu, Daejeon 305-728 (KR). **KIM, Jung-Soo** [KR/KR]; #201, 119-7 Sinseong-dong, Yuseong-gu, Daejeon 305-804 (KR). **LEE, Ji-Suk** [KR/KR]; #206, 144-6 Sinseong-dong, Yuseong-gu, Daejeon 305-804 (KR). **KIM, Jung-In** [KR/KR]; #105, Jeongvillla, 286-6 Jeonmin-dong, Yuseong-gu, Daejeon 305-811 (KR). **SEO, Yun-Mi** [KR/KR]; 76-70, Sameun 3-gu, Jiksan-eup, Jiksan-myeon, Cheonan-si, Chungcheongnam-do 330-816 (KR). **LIM, Chae-Jin** [KR/KR]; #301, 126-12 Sinseong-dong, Yuseong-gu, Daejeon 305-804 (KR). **KIM, Sung-Kyu** [KR/KR]; #103-1609, Expo Apt., 464-1 Jeonmin-dong, Yuseong-gu, Daejeon 305-762 (KR). **JUNG, Young-Hwan** [KR/KR]; 178-4, Jungni-dong, Daedeok-gu, Daejeon 306-825 (KR). **CHANG, Seung-Gu** [KR/KR]; #211-1603, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). **CHOI, Ho-Il** [KR/KR]; #107-1303, Hanul Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-345 (KR).
- (74) **SON, Min**; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (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 **A61K 9/00**
- (11) **WO 03/094888** (13) **A1**
- (21) PCT/US03/13733
- (22) **1 May/mai 2003 (01.05.2003)**
- (25) en (26) en
- (30) 60/377,974 **7 May/mai 2002 (07.05.2002)** US
- (30) 60/437,576 **31 Dec/déc 2002 (31.12.2002)** US
- (30) 60/452,348 **6 Mar/mar 2003 (06.03.2003)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **PROCESSES FOR FORMING A DRUG DELIVERY DEVICE**
• **PROCEDES DE FABRICATION D'UN DISTRIBUTEUR DE MEDICAMENTS**
- (71) **CONTROL DELIVERY SYSTEMS, INC.** [US/US]; 313 Pleasant Street, Watertown, MA 02472 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASHTON, Paul** [GB/US]; 19 Brimmer Street, Boston, MA 02108-1025 (US). **CHOU, Kang-Jye** [CA/US]; 52 Aldrich Road, Apt. A, Watertown, MA 02472 (US). **GUO, Hong** [US/US]; 50 Sandrick Road, Belmont, MA 02478 (US). **SHIMIZU, Robert, W.** [US/US]; 531 Acorn Park, Acton, MA 01720 (US).
- (74) **HALSTEAD, David, 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/08, 9/19, 31/40, 31/404, 31/445**
- (11) **WO 03/094889** (13) **A1**
- (21) PCT/JP03/05940
- (22) **13 May/mai 2003 (13.05.2003)**
- (25) ja (26) ja
- (30) 2002-136881 **13 May/mai 2002 (13.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **LYOPHILIZATION PRODUCT**
• **PRODUIT DE LYOPHILISATION**
- (71) **DAIICHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 14-10, NIHONBASHI 3-CHOME, CHUO-KU, Tokyo 103-8234 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJII, Yoshimine** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. TOKYO R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **SUZUKI, Norio** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. TOKYO R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (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
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU 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 9/12, 9/48, 9/14

(11) WO 03/094890 (13) A1

(21) PCT/US03/14309

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,703 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAPSULES FOR DRY POWDER IN-
HALERS AND METHODS OF MAK-
ING AND USING SAME

• CAPSULES POUR INHALATEURS A
POUDRE SECHE ET PROCEDES DE
FABRICATION ET D'UTILISATION
CORRESPONDANTS

(71) NEKTAR THERAPEUTICS [US/US]; 150
Industrial Road, San Carlos, CA 94070 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MILLER, Danforth [US/US]; 1016
Sylvan Drive, San Carlos, CA 94070 (US).
LECHUGA-BALLESTEROS, David
[US/US]; 4266 Dry Bed Court, Santa Clara,
CA 95054 (US).

(74) RAFA, Michael, J. et al. / etc.; Nektar Ther-
apeutics, 150 Industrial Road, San Carlos, CA
94070 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 9/127

(11) WO 03/094891 (13) A1

(21) PCT/US03/10146

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(30) 10/140,620 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND FORMULATIONS
FOR ENHANCING THE ABSORP-
TION AND GASTRO-INTESTINAL

BIOAVAILABILITY OF HYDROPHO-
BIC DRUGS

• METHODES ET FORMULATIONS
DESTINEES A FAVORISER L'AB-
SORPTION ET LA BIODISPONIBILITE
GASTRO-INTESTINALE DE MEDICA-
MENTS HYDROPHOBES

(71) KAPAC, LLC [US/US]; Curtis A. Spilburg,
400 Chesterfield Center, Suite 120, Chester-
field, MO 63017 (US).

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

(72, 75) SPILBURG, Curtis, A. [US/US]; Ka-
pac, LLC, 400 Chesterfield Center, Suite 120,
Chesterfield, MO 63017 (US).

(74) SEASE, Edmund, J.; McKee, Voorhees &
Sease, PLC, 801 Grand Ave., Suite 3200, 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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, A61J 3/02 // A61K 9/72, 47/26

(11) WO 03/094892 (13) A1

(21) PCT/FI03/00353

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 20020857 7 May/mai 2002 FI
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONVERSION OF AMORPHOUS MA-
TERIAL TO A CORRESPONDING
CRYSTALLINE MATERIAL BY SPRAY
DRYING AND UTILIZATION OF THE
CRYSTALLINE SPRAY DRIED MATE-
RIAL IN DRUG FORMULATIONS

• CONVERSION D'UN MATERIAU
AMORPHE EN UN MATERIAU CRIS-
TALLIN CORRESPONDANT PAR SE-
CHAGE PAR PULVERISATION ET
UTILISATION DU MATERIAU CRIS-
TALLIN SECHE PAR PULVERISATION
DANS DES FORMULATIONS DE ME-
DICAMENT

(71) FOCUS INHALATION OY [FI/FI]; Mus-
tionkatu 8, FIN-20100 Turku (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LANKINEN, Tapio [FI/FI]; Jalustinkatu
11 G 79, FIN-20880 Turku (FI). HAR-
JUNEN, Päivi [FI/FI]; Vaivionniementie
347, FIN-73360 Pajulahti (FI). JÄRVINEN,
Kristiina [FI/FI]; Sompatic 3 I 6, FIN-70200
Kuopio (FI). PARONEN, Petteri [FI/FI];
Kipinäkät 32, FIN-70620 Kuopio (FI).
LEHTO, Vesa-Pekka [FI/FI]; Juhapellontie
14, FIN-21130 Poikko (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) 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 9/14

(11) WO 03/094893 (13) A1

(21) PCT/KR03/00911

(22) 7 May/mai 2003 (07.05.2003)

(25) ko (26) en

(30) 10-2002-0025375 8 May/mai 2002 KR
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PREPARING AN INJEC-
TION TYPE SOLID CHITOSAN POW-
DER

• PROCEDE DE PRODUCTION DE CHI-
TOSANE SOLIDE INJECTABLE

(71, 72) LEE, Hee-young [KR/KR]; Kangnam
Aesthetic Clinic, 12-7 Jungangno 1-ga-dong,
Kusan, Cholrabukdo 573-041 (KR).

(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).

(51)⁷ A61K 9/14, 31/70, 47/24, 47/18, 47/32,
47/34, 47/42

(11) WO 03/094894 (13) A1

(21) PCT/US03/13833

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/377,599 6 May/mai 2002 US
(06.05.2002)

(30) 60/380,008 7 May/mai 2002 US
(07.05.2002)

(30) 60/423,385 4 Nov/nov 2002 US
(04.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NANOPARTICULATE NYSTATIN FOR-
MULATIONS

• FORMULATIONS DE NYSTATINE NA-
NOPARTICULAIRES

(71) ELAN PHARMA INTERNATIONAL
LTD. [IE/IE]; Wil House, Shannon Business
Park, Shannon, County Clare (IE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CUNNINGHAM, James [US/US]; 903 Charleston Greene, Malvern, PA 19355 (US). MERISKO-LIVERSIDGE, Elaine [US/US]; 258 Colwyn Terrace, West Chester, PA 19380 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 9/16, 9/20

(11) WO 03/094895 (13) A1

(21) PCT/CA03/00643

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/139,347 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXTENDED RELEASE TABLETS COMPRISING FELODIPINE
• COMPRIMES A LIBERATION PROLONGEE A BASE DE FELODIPINE

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 9/20

(11) WO 03/094896 (13) A1

(21) PCT/EP03/50134

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 02076837.0 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD TO IMPROVE SURFACE PROPERTIES OF PHARMACEUTICAL TABLETS

• PROCEDE PERMETTANT D'AMELIORER LES PROPRIETES SUPERFICIELLES DES COMPRIMES PHARMACEUTIQUES

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(72, 75) DE HAAN, Pieter [NL/NL]; N.V. Organon, P.O. Box 20, NL-5340 BH Oss (NL). GRINTJES, Lambertus, Pedro, Everhardus [NL/NL]; N.V. Organon, P.O.Box 20, NL-5340 BH Oss (NL). VAN LARE, Coert, Elisabeth, Johannes [NL/NL]; N.V. Organon, P.O.Box 20, NL-5340 BH Oss (NL).

(74) KRAAK, H.; P.O. Box 20, NL-5340 BH Oss (NL) 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 A61K 9/48, 9/08, 9/20, 31/59, 47/02, 47/42, A61P 3/02

(11) WO 03/094897 (13) A1

(21) PCT/JP03/05823

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/134070 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHOTOSTABILIZED SOFT CAPSULE
• CAPSULE SOUPLE PHOTOSTABILISEE

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

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(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 A61K 9/50

(11) WO 03/094898 (13) A2

(21) PCT/CA03/00671

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/377,972 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICROCAPSULES CONTAINING BIOMEDICAL MATERIALS

• MICROCAPSULES CONTENANT DES SUBSTANCES BIOMEDICALES

(71) MCMASTER UNIVERSITY [CA/CA]; 1280 Main Street West, Gilmour Hall 306, Hamilton, Ontario L8S 4L8 (CA).

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(74) MORROW, Joy, D. 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/54, 38/55, 38/05

(11) WO 03/094899 (13) A1

(21) PCT/ES03/00145

(22) 26 Mar/mar 2003 (26.03.2003)

(25) es (26) es

(30) P 02 01 01698 9 May/mai 2002 AR (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL METHOD OF PREPARING PROGRAMMED-RELEASE COMPOSITIONS CONTAINING (S)-1-[N]-1-

(ETHOXYCARBONYL)-3-PHENYL-PROPYL]-L-ALANYL]-L-PROLINE AND THE PRODUCT THUS OBTAINED

- NOUVEAU PROCÉDE POUR LA PRÉPARATION DE COMPOSITIONS A LIBÉRATION PROGRAMMÉE CONTENANT (S) -1- [N-[1-(ETHOXYCARBONYL)-3-PHENYLPROPYL]-L-ALANYL]-L-PROLINE, ET PRODUIT AINSI OBTENU

(71) **DIFFUCAP-CHEMOBRAS QUÍMICA E FARMACÉUTICA, LTDA.** [BR/BR]; Rua Goiás, 1232, Quintino Bocaiuva, CEP-21380-810 Rio de Janeiro, RJ (BR).

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(74) **GARCIA-CABRERIZO Y DEL SANTO, Pedro Maria;** Vitruvio 23, E-28006 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/72, A61M 15/00**

(11) **WO 03/094900** (13) A1

(21) PCT/US03/14976

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,819 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DELIVERY OF DRUG AMINES THROUGH AN INHALATION ROUTE
- DISTRIBUTION DE MÉDICAMENT A BASE D'AMINES PAR VOIE D'INHALATION

(71) **ALEXZA MOLECULAR DELIVERY CORPORATION** [US/US]; 1001 East Meadow Circle, Palo Alto, CA 94303 (US).

(72) **RABINOWITZ, Joshua, D.;** 750 North Shoreline Boulevard #50, Mountain View, CA 94043 (US). **ZAFFARONI, Alejandro, C.;** 1 Faxon Forest, Atherton, CA 94027 (US).

(74) **STRACKER, Elaine, C.;** Alexza MDC, 1001 East Meadow Circle, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 31/015, A61P 11/00**

(11) **WO 03/094901** (13) A1

(21) PCT/CN03/00248

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) zh (26) zh

(30) 02116817.2 **8 Apr/avr 2002 CN (08.04.2002)**

(30) 02159278.0 **30 Dec/déc 2002 CN (30.12.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • MEDICAMENT FOR TREATING AND PREVENTING PNEUMOCONIOSIS
- MÉDICAMENT POUR LE TRAITEMENT ET LA PRÉVENTION DE LA PNEUMOCONIOSE

(71) **BEIJING JUNCTION NCE INVESTMENT CO.,LTD.** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN).

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(72, 75) **ZHAO, Zhixin** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN). **CHENG, Yuhai** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN). **HE, Qineng** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN). **ZHAO, Xuewen** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN). **ZHANG, Junying** [CN/CN]; 12-1002, Fangguyuan Erqu, Fangzhuang, Beijing 100078 (CN).

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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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(51) **A61K 31/02, A61L 2/16, 9/015**

(11) **WO 03/094902** (13) A2

(21) PCT/SG03/00145

(22) **12 Jun/juin 2003 (12.06.2003)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SURFACE TREATMENT OF SARS-INFECTED LUNGS
- TRAITEMENT SUPERFICIEL DES POUMONS ATTEINTS PAR LE SYNDROME RESPIRATOIRE AIGU SEVERE (SRAS)

(71, 72) **LIN, Zhem-man** [SG/SG]; 10 Ava Road Ava Tower, #19-07, Singapore 329949 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **A61K 31/14, 31/45, 38/17, A61P 25/28**

(11) **WO 03/094903** (13) A1

(21) PCT/AU03/00580

(22) **14 May/mai 2003 (14.05.2003)**

(25) en (26) en

(30) PS 2307 **14 May/mai 2002 AU (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A METHOD OF TREATMENT
- PROCÉDE DE TRAITEMENT

(71) **THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH** [AU/AU]; Royal Parade, Parkville, Victoria 3052 (AU).

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(72, 75) **BARTLETT, Perry, Francis** [AU/AU]; 209 Hawken Drive, St Lucia, Queensland 4067 (AU). **COULSON, Elizabeth, Jane** [AU/AU]; 26 Highview Terrace, St Lucia, Queensland 4067 (AU). **MORLEY, Samuel, Nicholas** [AU/AU]; 65 Rosecliffe Street, Highgate Hill, Queensland 4101 (AU). **HULETT, Sarah, Marie** [AU/AU]; 408 New Street, Brighton, Victoria 3186 (AU).

(74) **HUGHES, E, John, L 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 A61K 31/165, 31/505, 38/21

(11) WO 03/094904 (13) A1

(21) PCT/US03/14916

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,180 13 May/mai 2002 US (13.05.2002)

(30) 60/464,023 18 Apr/avr 2003 US (18.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND COMPOSITIONS FOR THE TREATMENT OF GRAFT FAILURE

• METHODES ET COMPOSITIONS DE TRAITEMENT DU REJET DE GREFFE

(63) US 60/380,180 (CIP)

13 May/mai 2002 (13.05.2002)

US 60/464,023 (CIP)

18 Apr/avr 2003 (18.04.2003)

(71) BETH ISRAEL DEACONESS MEDICAL CENTER [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

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(72, 75) SUKHATME, Vikas, P. [US/US]; 36 Sky View Circle, Newton Center, MA 02459 (US).

(74) BIEKER-BRADY, Kristina; 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 A61K 31/196, 9/00, 31/195

(11) WO 03/094905 (13) A1

(21) PCT/EP03/04044

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) MI02A000986 10 May/mai 2002 IT (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DICLOFENAC-BASED COMPOSITION FOR THE TOPICAL TREATMENT OF OROPHARYNGEAL CAVITY DISORDERS

• COMPOSITION A BASE DE DICLOFENAC POUR TRAITEMENT LOCAL DE TROUBLES DE CAVITE OROPHARYNGEE

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(72, 75) PINZA, Mario [IT/IT]; Via per Cesano Boscone, 24, I-20094 Corsico (IT).

(74) MARCHI, Massimo et al. / etc.; Marchi & Partners S.r.l., Via Pirelli, 19, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 31/196, A61P 31/16

(11) WO 03/094906 (13) A1

(21) PCT/EP03/04673

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) MI2002A000966 8 May/mai 2002 IT (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTI-RHINOVIRUS ACTIVE AGENTS

• AGENTS ACTIFS CONTRE LES <I>RHINOVIRUS</I>

(71) UNIHART CORPORATION [IE/IE]; 41 Central Chambers, Dame Court, Dublin 2 (IE).

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(72, 75) TARRO, Giulio [IT/IT]; Via Posillipo, 286, I-80123 Napoli (IT).

(74) BANFI, Paolo 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).

(51)⁷ A61K 31/215

(11) WO 03/094907 (13) A1

(21) PCT/US03/06754

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 10/140,270 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CELL PROLIFERATING AGENTS

• AGENTS DE PROLIFÉRATION CELLULAIRE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) MALIK, Sohail; 4420 Calibre Creek Parkway, Roswell, GA 30076 (US).

(74) CROSBY, Margaret, M. et al. / etc.; PAULEY PETERSEN KINNE & ERICKSON, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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, 7/06

(11) WO 03/094908 (13) A1

(21) PCT/KR02/00931

(22) 17 May/mai 2002 (17.05.2002)

(25) ko (26) en

(30) 2002-0026280 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF SEBORRHEA CONTAINING 4-HYDROXY-5-METHOXY-4-[2-METHYL-3(3-METHYL-2-BUTENYL)-2-OXIRANYL]-1-OXASPIRO[2,5]JOC-TAN-6-ONE

• COMPOSITION PHARMACEUTIQUE DESTINE AU TRAITEMENT DE LA SEBORRHEE CONTENANT 4-HYDROXY-5-METHOXY-4-[2-METHYL-3-(3-METHYL-2-BUTENYL)-2-OXIRANYL]-1-OXASPIRO[2,5]OCTANE-6-ONE

(71) MYCOPLUS CO., LTD. [KR/KR]; Hanam Bldg. 1F, 82-3 Yangjae-dong, Seocho-gu, Seoul 137-890 (KR).

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(72, 75) YOON, Cheol-Sik [KR/KR]; Jangmi Apt. 1139, Dong 1603, 1092 Sanbon-dong, Gunpo-si, Gyeonggi-do 435-040 (KR). PARK, Hyun-Soo [KR/KR]; Mokreyn

Woosung Apt. 305, Dong 508, Hoge-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 (KR). PARK, Chan-Won [KR/KR]; 3F, 63-1 Anguk-dong, Jongno-gu, Seoul 110-240 (KR).

(74) LEE, Sei-Jin et al. / etc.; City Air Tower, 17th Floor, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (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 A61K 31/34, 31/395

(11) WO 03/094909 (13) A2

(21) PCT/US03/13689

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/379,684 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND COMPOSITIONS FOR THE TREATMENT AND PREVENTION OF INTERMITTENT CLAUDICATION OR ALZHEIMER'S DISEASE

• METHODES ET COMPOSITIONS POUR LE TRAITEMENT ET POUR LA PREVENTION D'UNE CLAUDICATION INTERMITTENTE OU D'UNE MALADIE D'ALZHEIMER

(71) ENOS PHARMACEUTICALS, INC. [US/US]; One Canal Park, Cambridge, MA 02141 (US).

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(72, 75) RON, Eyal, S. [US/US]; 7 Coach Road, Lexington, MA 02420-1101 (US).

(74) DECONTI, Giulio, A., Jr. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 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).

(51)⁷ A61K 31/352, A61P 35/00, 19/02, 17/06, 27/02, 19/10

(11) WO 03/094910 (13) A1

(21) PCT/EP03/02445

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 02090170.8 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF 8-PRENYLFLAVANONES FOR ANTI-ANGIOGENESIS THERAPY AND FOR FIBRINOLYTIC THERAPY

• UTILISATION DE 8-PRENYLFLAVANONES POUR DES THERAPIES ANTI-ANGIOGENESE ET FIBRINOLYTIQUE

(71) SCHERING AKTIENGESSELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

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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 SE SI SK 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 31/352, A61P 1/16

(11) WO 03/094911 (13) A1

(21) PCT/IB03/01810

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/397,359 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEPATOPROTECTIVE ACTIVITY OF 10-O-P-HYDROXYBENZOYLACUCIBIN

• ACTIVITE HEPATOPROTECTRICE DE LA 10-O-HYDROXYBENZOYLACUCIBINE

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(74) GABRIEL, Devadoss, Calab; K & S PARTNERS, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Delhi (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).

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Declaration / Déclaration :

(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 A61K 31/365, C07D 493/04, A61P 1/16, 3/04, 3/06, 3/10, 43/00

(11) WO 03/094912 (13) A1

(21) PCT/IP03/05754

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134054 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BISLACTONE DERIVATIVE AND USE THEREOF IN MEDICINAL COMPOSITION

• DERIVES DE BISLACTONE ET LEUR UTILISATION DANS LES COMPOSITIONS MEDICALES

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-0031 (JP).

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(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 ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/4015, A61P 43/00**

(11) **WO 03/094913** (13) A1

(21) PCT/EP03/04982

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 02010739.7 **14 May/mai 2002 (14.05.2002)** EP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF 2-OXO-1-PYRROLIDONE DERIVATIVES FOR THE PREPARATION OF A DRUG

• UTILISATION DE DERIVES DE 2-OXO-1-PYRROLIDONE POUR LA PREPARATION D'UN MEDICAMENT

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(74) **LECHIEN, Monique**; 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 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 31/405, C07D 209/18**

(11) **WO 03/094914** (13) A1

(21) PCT/IT03/00275

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) RM2002A000255 **9 May/mai 2002 (09.05.2002)** IT

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBSTANTIALLY PURE SOLID FORM OF THE ENOL TAUTOMER OF 3-INDOLYLPIRUVIC ACID FOR USE IN THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISTURBANCES

• FORME SOLIDE ESSENTIELLEMENT PURE DU TAUTOMERE ENOLIQUE DE L'ACIDE 3-INDOLYLPIRUVIQUE, UTILISE DANS LE TRAITEMENT DES TROUBLES DU SYSTEME NERVEUX CENTRAL

(71) **POLIFARMA S.p.A.** [IT/IT]; Via Tor Sapienza 138, I-00155 Roma RM (IT).

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(72, 75) **POLITI, Vincenzo** [IT/IT]; Via Albano, 77, I-00179 Roma (IT). **SELLA, Antonio** [IT/IT]; Via delle Petunie 6, I-00171 Roma (IT). **BARTOLINI, Barbara** [IT/IT]; Via Cina 40, I-00144 Roma RM (IT). **MARGONELLI, Andrea** [IT/IT]; Viale C.T. Odescalchi 12/A, I-00147 Roma (IT). **SOMMA, Francesca** [—/IT]; Via Volpicelli 12, I-00133 Roma (IT). **CORNIELLO, Cristina** [IT/IT]; Via Pieve di Cadore 30, I-00135 Roma (IT).

(74) **BAZZICHELLI, Alfredo** et al. / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra 39, I-00186 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).

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(51)⁷ **A61K 31/41, A61P 7/02**

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(21) PCT/EP03/04997

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,373 **14 May/mai 2002 (14.05.2002)** US

(30) 60/395,014 **11 Jul/juil 2002 (11.07.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF VALSARTAN OT ITS METABOLITE TO INHIBIT PLATELET AGGREGATION

• UTILISATION DE VALSARTAN OU DE SON METABOLITE POUR INHIBER L'AGREGATION PLAQUETTAIRE

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basle (CH).

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(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienne (AT). (only for / seulement pour AT)

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(74) **GROS, Florent**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, 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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(51)⁷ **A61K 31/426, 31/427, A61P 35/00, 29/00**

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(21) PCT/CA03/00682

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/379,929 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF USING THIAZOLIDINE DERIVATIVES TO TREAT CANCER OR INFLAMMATION

• PROCEDES D'UTILISATION DE DERIVES DE THIAZOLIDINE DANS LE TRAITEMENT DU CANCER OU DE L'INFLAMMATION

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(72, 75) **ZHANG, Zaihui** [CA/CA]; 320-8300 General Currie Road, Richmond, British Columbia V6Y 3X1 (CA). **DAYNARD, Timothy, S.** [CA/CA]; 1836 West 62nd Avenue, Vancouver, British Columbia V6P 2G4 (CA). **KALMAR, Gabriel, Bela** [CA/CA]; 7591 Langton Road, Richmond, British Columbia V7C 4B4 (CA).

- (74) KINGWELL, Brian G. et al. / etc.; Fetherstonhaugh & CO., Box 11560, Vancouver Centre, Suite 2200, 650 West Georgia Street, 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).
- (51)⁷ A61K 31/4375, 9/06, 9/08, 9/107, 9/12, 9/70, 47/06, 47/08, 47/10, 47/12, 47/14, 47/16, 47/20, 47/40, 47/46, A61P 7/00, 7/02, 9/00, 9/08, 9/10, 43/00, C07D 471/14
- (11) WO 03/094917 (13) A1
- (21) PCT/JP03/05867
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-136990 13 May/mai 2002 JP (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • VINTOPEROL-CONTAINING MEDICINAL COMPOSITION FOR TRANSDERMAL ADMINISTRATION
• COMPOSITION MEDICINALE CONTENANT DU VINTOPEROL DESTINEE A UNE ADMINISTRATION TRANSDERMIQUE
- (71) TAKATA SEIYAKU CO., LTD. [JP/JP]; 13-10, Torigoe 2-chome, Taito-ku, Tokyo 111-0054 (JP).
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- (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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).
- (51)⁷ A61K 31/496, C07D 333/20, 217/26, 295/18, 213/74, 211/52, 207/16, 207/32, 277/30, 307/16, 307/52, 207/34, 211/60, 211/62, 265/30, 233/02, 207/26, 317/58, 401/12, 403/12, 405/12, 409/12, 413/12, A61P 3/04
- (11) WO 03/094918 (13) A1
- (21) PCT/US03/14628
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/379,517 10 May/mai 2002 US (10.05.2002)
- (30) 60/422,272 29 Oct/oct 2002 US (29.10.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SUBSTITUTED PIPERAZINE AS MELANOCORTIN RECEPTORS LIGANDS
• UTILISATION DE PIPERAZINES SUBSTITUEES COMME LIGANDS DU RECEPTEUR DE LA MELANOCORTINE
- (71) NEUROCRINE BIOSCIENCES, INC. [US/US]; 10555 Science Center Drive, San Diego, CA 92121-1102 (US).
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- (74) HERMANN, Karl, R. 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).
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/496, C07D 401/04
- (11) WO 03/094919 (13) A2
- (21) PCT/US03/14811
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 60/379,510 10 May/mai 2002 US (10.05.2002)
- (30) 60/389,093 14 Jun/juin 2002 US (14.06.2002)
- (30) 60/401,672 6 Aug/août 2002 US (06.08.2002)
- (30) 60/402,749 12 Aug/août 2002 US (12.08.2002)
- (30) 60/409,860 10 Sep/sep 2002 US (10.09.2002)
- (30) 60/423,338 1 Nov/nov 2002 US (01.11.2002)
- (30) 60/432,961 12 Dec/déc 2002 US (12.12.2002)
- (30) 60/444,812 3 Feb/fév 2003 US (03.02.2003)
- (30) 60/448,062 15 Feb/fév 2003 US (15.02.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NOVEL CRYSTALLINE FORMS OF GATIFLOXACIN
• NOUVELLES FORMES CRISTALLINES DE GATIFLOXACINE
- (71) TEVA PHARMACEUTICAL INDUSTRIES LTD. [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petah Tiqva (IL).
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- (72, 75) NIDDAM-HILDESHEIM, Valerie [IL/IL]; 9 Keren Hayessod, PO 1343, 40500 Even-Yeouda (IL). WIZEL, Shlomit [IL/IL]; Yehuda Hanassi 2, 49742 Petah Tiqva (IL). STERIMBAUM, Greta [IL/IL]; 10/10 Kaplinsky St., Rishon, 75241Lezion (IL). AMIR, Ehud [IL/IL]; 73 Einstein Street, Apartment 20, Ramat Aviv, 69102 Tel Aviv (IL).
- (74) BRAINARD, Charles, R.; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (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 **A61K 31/505, 31/506, 31/535, A61P 15/02, 31/02, 31/18**

(11) **WO 03/094920** (13) **A1**

(21) PCT/EP03/50158

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 02076897.4 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICROBICIDAL PYRIMIDINE OR TRIAZINE FOR PREVENTING SEXUAL HIV TRANSMISSION

• ACTIVITE MICROBICIDE DE LA PYRIMIDINE OU DE LA TRIAZINE DESTINEE A LA PREVENTION DE LA TRANSMISSION DU VIH PAR VOIES SEXUELLES

(71) **TIBOTEC PHARMACEUTICALS LTD** [IE/IE]; Unit 4, Block 4B, Blanchardstown Corporate Park, Blanchardstown, 15 Dublin (IE).

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(72, 75) **VAN ROEY, Jens, Marcel** [BE/BE]; Désiré Mergaertstraat 13, B-8800 Roeselare (BE). **DE BETHUNE, Marie-Pierre, T., M., M., G.** [BE/BE]; Twee Leeuwenstraat 15, B-3078 Everberg (BE). **STOFFELS, Paul** [BE/BE]; Lindendreef 34, B-2320 Hoogstraten (BE).

(74) **DAELEMANS, Frank**; Tibotec-Virco Comm. VA, Generaal De Wittelaan L11B3, B-2800 Mechelen (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 31/517, 31/47, 31/519, A61P 13/08**

(11) **WO 03/094921** (13) **A2**

(21) PCT/EP03/04606

(22) **2 May/mai 2003 (02.05.2003)**

(25) de (26) de

(30) 102 21 018.7 **11 May/mai 2002 DE (11.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • UTILIZATION OF INHIBITORS OF EGFR-MEDIATED SIGNAL TRANSDUCTION FOR THE TREATMENT OF

BENIGN PROSTATIC HYPERPLASIA (BPH)/PROSTATIC HYPERTROPHY

• UTILISATION D'INHIBITEURS DE LA TRANSDUCTION DE SIGNAL INDUITE PAR LE RECEPTEUR EGF DANS LE TRAITEMENT DE L'HYPERTROPHIE/HYPERTROPHIE BENIGNE DE LA PROSTATE

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; 55216 Ingelheim am Rhein (DE).

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(72, 75) **SINGER, Thomas** [DE/DE]; Blumacker 25, 79594 Inzlingen (DE). **COLBATZKY, Florian** [DE/DE]; Beim Wiesen 16, 88441 Stafflangen (DE). **PLATZ, Stefan** [DE/DE]; Heinrich-Heine-Strasse 5, 88444 Ummendorf (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 **A61K 31/519, 33/24, A61P 35/00**

(11) **WO 03/094922** (13) **A1**

(21) PCT/IB03/01715

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) 60/378,923 **7 May/mai 2002 US (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF CISPLATIN IN COMBINATION WITH FOLIC ACID FOR INCREASING CISPLATIN EFFICACY

• UTILISATION DE CISPLATINE EN ASSOCIATION AVEC DE L'ACIDE FOLIQUE POUR AUGMENTER L'EFFICACITE DU CISPLATINE

(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) **NIYIKIZA, Clet** [US/US]; 6802 Antietam Place, Indianapolis, IN 46278 (US).

(74) **WELCH, Lawrence, T. et al. / etc.**; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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)

(51)⁷ **A61K 31/60, 31/355, 31/22, 31/40, 31/44, 31/405, 31/365, A61P 3/06, 3/10, 9/10**

(11) **WO 03/094923** (13) **A1**

(21) PCT/EP03/04860

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) MI2002A001012 **13 May/mai 2002 IT (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMBINATION OF AN HMG-CoA REDUCTASE INHIBITOR AND A NITRATE ESTER

• COMBINAISON D'UN INHIBITEUR DE HMG-COA REDUCTASE ET D'UN ESTER DE NITRATE

(71, 72) **SCARAMUZZINO, Giovanni** [IT/IT]; Via G.B. Torti, 18, I-20052 Monza (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).

Published / Publiée : (c)

(51)⁷ A61K 31/60, 31/50, 31/4418, 31/42, 31/415, 31/341, 31/196

(11) WO 03/094924 (13) A1

(21) PCT/US03/14778

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/388,660 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMBINATION THERAPY FOR TREATING CYCLOOXYGENASE-2 MEDIATED DISEASES IN PATIENTS AT RISK OF THROMBOTIC CARDIOVASCULAR EVENTS

• THERAPIE DE COMBINAISON DESTINEE A TRAITER DES MALADIES A MEDIATION PAR CYCLOOXYGENASE-2 CHEZ DES MALADES PRESENTANT UN RISQUE D'ACCIDENT CARDIOVASCULAIRE THROMBOTIQUE

(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) HUNT, Richard, H. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SIMON, Thomas, J. [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).

Published / Publiée : (c)

(51)⁷ A61K 31/663, 31/167, 47/12, A61P 19/08, 19/10

(11) WO 03/094925 (13) A1

(21) PCT/EP03/04934

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) TO2002A000406 13 May/mai 2002 IT (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INJECTABLE BISPHOSPHONATE FORMULATIONS

• FORMULATIONS INJECTABLES DE BIPHOSPHONATES

(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) CAPOCCHI, Andrea [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT). MUSA,

Rossella [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT). SOLIANI RASCHINI, Annamaria [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(74) RAMBELLI, Paolo et al. / etc.; Jacobacci & Partners S.p.A, 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 31/69, C07F 5/02

(11) WO 03/094926 (13) A1

(21) PCT/US03/15093

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,519 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUORESCENT SENSOR COMPOUNDS FOR DETECTING SACCHARIDES

• COMPOSES DE CAPTEUR FLUORESCENTS POUR LA DETECTION DE SACCHARIDES

(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) WANG, Binghe [US/US]; 1908 Steam Ridge Court, Apex, NC 27523 (US). WESTON, Brent, [US/US]; 3908 Swarthmore Road, Durham, NC 27707 (US). YANG, Wenqian [CN/US]; 2306 Van Dyke Avenue, Raleigh, NC 27607 (US).

(74) TAYLOR, Arles, A. Jr.; Jenkins, Wilson & Taylor, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/7004, A61P 3/04, 3/10, 43/00, A23L 1/30, A23K 1/16 // C07H 3/02

(11) WO 03/094927 (13) A1

(21) PCT/JP03/05661

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-131552 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF INHIBITING D-GLUCOSE ABSORPTION AND D-GLUCOSE ABSORPTION INHIBITOR

• PROCEDE D'INHIBITION DE L'ABSORPTION DE D-GLUCOSE ET INHIBITEUR D'ABSORPTION DE D-GLUCOSE

(71) UNITIKA LTD. [JP/JP]; 50, Higashihonmachi 1-chome, Amagasaki-shi, Hyogo 660-0824 (JP).

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(72, 75) NISHIKAWA, Yoshihiro [JP/JP]; c/o Unitika Ltd., Research and Development Center, 23, Uji Kozakura, Uji-shi, Kyoto 611-0021 (JP). YAMAMOTO, Hideki [JP/JP]; c/o Unitika Ltd., Research and Development Center, 23, Uji Kozakura, Uji-shi, Kyoto 611-0021 (JP). ARAI, Soichi [JP/JP]; 38, Nanashima-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0061 (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) AU CA CN 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 A61K 31/7048, A61P 3/10

(11) WO 03/094928 (13) A1

(21) PCT/US03/13487

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 60/378,716 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHARMACEUTICAL COMPOSITIONS FOR LOWERING BLOOD GLUCOSE AND BLOOD CHOLESTEROL LEVELS

• COMPOSITIONS PHARMACEUTIQUES PERMETTANT DE REDUIRE LA GLYCEMIE ET LES TAUX DE CHOLESTEROL SANGUIN

(71) **DIAKRON PHARMACEUTICALS, INC.** [US/US]; 4570 Executive Drive, Suite 100, San Diego, CA 92121 (US).

(72) **BIBBS, Jeff**; 13870 Bruyere Ct., San Diego, CA 92129 (US). **RAO, Srirama**; 12132 Oakview Way, San Diego, CA 92128 (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 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 **A61K 31/74**

(11) **WO 03/094929** (13) **A2**

(21) PCT/US03/14087

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/378,529 **6 May/mai 2002 (06.05.2002)** US

(30) PCT/US02/14402 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PREBLOCKING WITH NON-HA GAGS INCREASES EFFECTIVENESS OF HA CONJUGATED ANTICANCER AGENTS**

• **PREBLOCAGE AU MOYEN DE GAGS NON HA ET AUGMENTATION DE L'EFFICACITE D'AGENTS ANTICANCEREUX CONJUGUES HA**

(71) **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) **PRESTWICH, Glenn, D.** [US/US]; 1500 Sunnydale Lane, Salt Lake City, UT 84108 (US). **ZHANG, Lurong** [US/US]; 8506 Bradmoor Drive, Bethesda, MD 20817 (US).

(74) **HUIZENGA, David, E.** et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, Atlanta, GA 30303-1811 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/74, 31/77, 31/765, 9/14**

(11) **WO 03/094930** (13) **A1**

(21) PCT/US03/14282

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,756 **8 May/mai 2002 (08.05.2002)** US

(30) 10/389,708 **14 Mar/mar 2003 (14.03.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **EMBOLIZATION USING DEGRADABLE CROSSLINKED HYDROGELS**

• **EMBOLISATION AU MOYEN D'HYDROGELS RETICULES DEGRADABLES**

(71) **BIOSPHERE MEDICAL, INC.** [US/US]; 1050 Hingham Street, Rockland, MA 02370-1052 (US).

(72) **SCHWARZ, Alexander**; 20 John Street #3, Brookline, MA 02446 (US). **ZHANG, Hong-min**; 41 Kingston Way, Duxbury, MA 02332 (US).

(74) **GORDON, Dana, M.** 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/78**

(11) **WO 03/094931** (13) **A1**

(21) PCT/IT03/00278

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) MI2002A 001005 **10 May/mai 2002 (10.05.2002)** IT

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PHARMACEUTICAL COMPOSITIONS WITH ANTI-TUMOUR ACTIVITY, IN PARTICULAR FOR THE TREATMENT OF LEUKAEMIA AND GLIOBLASTOMAS**

• **PREPARATIONS PHARMACEUTIQUES A ACTIVITE ANTITUMORALE EN PARTICULIER POUR LE TRAITEMENT DE LA LEUCEMIE ET DES GLIOBLASTOMES**

(71) **UNIVERSITÀ DEGLI STUDI DI VERONA** [IT/IT]; Via dell'Artigliere, 8, I-37129 Verona (IT).

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

(72, 75) **CAVALIERI, Elisabetta** [IT/IT]; Contrà Oratorio dei Servi, 7, I-36100 Vicenza (IT). **SUZUKI, Hisanori** [IT/IT]; Via Memeli, 43, I-37126 Verona (IT).

(74) **JORIO, Paolo et al.** / etc.; C/O Studio Torta S.r.l., Via Viotti, 9, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 33/00**

(11) **WO 03/094932** (13) **A1**

(21) PCT/US02/14836

(22) **9 May/mai 2002 (09.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **CARBON MONOXIDE AS A BIOMARKER AND THERAPEUTIC AGENT**

• **MONOXYDE DE CARBONE SERVANT DE BIOMARQUEUR ET D'AGENT THERAPEUTIQUE**

(71) **YALE UNIVERSITY** [US/US]; Two Whitney Avenue, New Haven, CT 06511 (US). **JOHNS HOPKINS UNIVERSITY** [US/US]; 111 Marketplace, Suite 906, Baltimore, MD 21202 (US).

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(72, 75) **CHOI, Augustine, M., K.** [US/US]; 2 Pole Bridge Lane, Guilford, CT 06437 (US). **OTTERBEIN, Leo, E.** [US/US]; 93 Mather Street, Hamden, CT 06517 (US).

(74) **FRASER, Janis, K.** et al. / etc.; 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 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 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 A61K 33/24, A61P 3/14

(11) WO 03/094933 (13) A2

(21) PCT/CA03/00684

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,401 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF TREATMENT USING
LANTHANUM COMPOUNDS

• METHODE DE TRAITEMENT UTI-
LISANT DES COMPOSES DE LAN-
THANE

(71) SHIRE HOLDING AG [CH/CH]; Bunder-
strasse 5, CH-6300 Zug (CH).

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les États désignés sauf US)

(72, 75) WEBSTER, Isobel [CA/GB]; 34 Hulse
Road, Salisbury, Wiltshire SP1 3LY (GB).

(74) MURPHY, Kevin, P. et al. / etc.; Ogilvy Re-
nault, Suite 1600, 1981 McGill College Av-
enue, 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).

(51)⁷ A61K 33/24, 31/4402, A61P 25/14, 25/28
// 43/00, C07D 213/79

(11) WO 03/094934 (13) A1

(21) PCT/JP03/05963

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-137944 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICINE FOR PREVENTION OF
AND TREATMENT FOR AMYLOIDO-
SIS

• MÉDICAMENT POUR PRÉVENIR ET
TRAITER L'AMYLOÏDOSE

(71) NIPRO CORPORATION [JP/JP]; 9-3,
Honjo-nishi 3-chome, Kitaku, Osaka-shi,
Osaka 531-8510 (JP).

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

(72, 75) KAI, Hirofumi [JP/JP]; 10-30, Kokubu
3-chome, Kumamoto-shi, Kumamoto
862-0949 (JP). ANDO, Yukio [JP/JP];
1-52, Hida 1-chome, Kumamoto, Kumamoto
861-5514 (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 :

(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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL 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 A61K 34/89, A61P 7/02, 9/10

(11) WO 03/094935 (13) A1

(21) PCT/CN03/00345

(22) 12 May/mai 2003 (12.05.2003)

(25) zh (26) zh

(30) 02 1 16783.4 13 May/mai 2002 CN
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THE USE OF THE HUMAN URINARY
KININOGENASE IN THE MANUFAC-
TURE OF A MEDICINE FOR TREAT-
ING AND PREVENTING CEREBRAL
EMBOLISM

• UTILISATION DE LA KININOGE-
NASE URINAIRE HUMAINE DANS
LA FABRICATION D'UN MEDICA-
MENT POUR LE TRAITEMENT ET LA
PREVENTION DE L'EMBOLIE CERE-
BRALE

(71) TECHPOOL BIO-PHARMA CO.,
LTD. [CN/CN]; 89 Gaopu Road, Gaotang
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(72, 75) FU, Heliang [CN/CN]; 89 Gaopu Road,
Gaotang Scien-tech Industrial Park, Tianhe,
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WU, Jindi [CN/CN]; 89 Gaopu Road,
Gaotang Scien-tech Industrial Park, Tianhe,
Guangzhou, Guangdong 510520 (CN).
WANG, Xiaoyan [CN/CN]; 89 Gaopu Road,
Gaotang Scien-tech Industrial Park, Tianhe,
Guangzhou, Guangdong 510520 (CN).
XIE, Yongli [CN/CN]; 89 Gaopu Road,
Gaotang Scien-tech Industrial Park, Tianhe,
Guangzhou, Guangdong 510520 (CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD; 16/F, Zhongke Build-
ing, No. 80, Haidian Road, Haidian District,
Beijing 100080 (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).

Published / Publiée : (a)

(51)⁷ A61K 35/14

(11) WO 03/094936 (13) A1

(21) PCT/IL03/00375

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 149611 13 May/mai 2002 IL
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR EXTENDED STORAGE
OF BLOOD AND BLOOD COMPO-
NENTS

• PROCEDE D'ENTREPOSAGE PRO-
LONGE DE SANG ET DE COMPO-
SANTS SANGUINS

(71) SAFETIN LTD. [IL/IL]; P.O. Box 39238, 89
103 Tel Aviv (IL).

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

(72, 75) SHAKLAI, Nurith [IL/IL]; 89 Haim
Levanon, 69 345 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) 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 35/16

(11) WO 03/094937 (13) A1

(21) PCT/KR03/00922

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-0025669 9 May/mai 2002 KR
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PHARMACEUTICAL COMPOSITION FOR TREATMENT OF WOUNDS CONTAINING BLOOD PLASMA OR SERUM

• COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE PLAIES ET CONTENANT DU PLASMA OU DU SERUM SANGUINS

(71) MEDIGENES [KR/KR]; #1822, Hyundai Venture Vill B/D, 713 Susco-dong, Gangnam-Gu, Seoul 135-539 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sang-Yup [KR/KR]; #212-702, Expo Apt., 464-1 Jeonmin-dong, Yuseong-gu, Daejeon 305-390 (KR).
CHANG, Kyung-Hee [KR/KR]; #1109, LG Palace, 165-8 Donggyo-dong, Mapo-gu, Seoul 121-200 (KR).
KEUM, Ki-Chang [KR/KR]; #101-402, Samsung Apt., Sinjeong-dong, Yangcheon-gu, Seoul 158-070 (KR).
YOO, Nae-Choon [KR/KR]; #101, Hyundai Villa Da-dong, 45-24 Yeonhui 3-dong, Seodaemun-gu, Seoul 120-113 (KR).
YOO, Won-Min [KR/KR]; 48 Dongso-mun-dong 3-ga, Seongbuk-gu, Seoul 136-033 (KR).
LEE, Gene [KR/KR]; #263-101, Dongil Sweet Apt., Sanghyunni, Suji-cup, Yongin-si, Gyeonggi-do 449-843 (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).

Published / Publiée : (c)

(51)⁷ A61K 35/76, A61P 25/04, 29/00, 35/00 // (A61K 35/76, 31:00)

(11) WO 03/094938 (13) A1

(21) PCT/CA03/00674

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,675 9 May/mai 2002 US (09.05.2002)

(30) 60/443,177 29 Jan/jan 2003 US (29.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR REDUCING PAIN USING ONCOLYTIC VIRUSES

• PROCEDE POUR SOULAGER LA DOULEUR EN UTILISANT DES VIRUS ONCOLYTIQUES

(71) ONCOLYTICS BIOTECH INC. [CA/CA]; Suite 210, 1167 Kensington Crescent N.W., Calgary, Alberta T2N 1X7 (CA).
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(72, 75) MORRIS, Donald [CA/CA]; 211 Douglasview Road, S.E., Calgary, Alberta T2Z 2S1 (CA).
COFFEY, Matthew, C. [CA/CA]; 2231 Bowness Road, N.W., Calgary, Alberta T2N 3L4 (CA).
THOMPSON, Bradley, G. [CA/CA]; 1775-7th Avenue N.W., Calgary, Alberta T2N 0Z5 (CA).

(74) MITCHELL, Richard, J. et al. / etc.; Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (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 : (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 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 35/76, 41/00, A61P 35/00

(11) WO 03/094939 (13) A1

(21) PCT/CA03/00695

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,948 10 May/mai 2002 US (10.05.2002)

(30) 60/443,189 29 Jan/jan 2003 US (29.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SENSITIZATION OF NEOPLASTIC CELLS TO RADIATION THERAPY WITH ONCOLYTIC VIRUSES

• SENSIBILISATION DE CELLULES NEOPLASIQUES A UNE RADIOTHERAPIE AU MOYEN DE VIRUS ONCOLYTIQUES

(71) ONCOLYTICS BIOTECH INC. [CA/CA]; Suite 210, 1167 Kensington Crescent NW, Calgary, Alberta T2N 1X7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORRIS, Donald [CA/CA]; 211 Douglasview Road, S.E., Calgary, Alberta T2Z 2S1 (CA).
COFFEY, Matthew, C. [CA/CA]; 2231 Bowness Road, N.W., Calgary, Alberta T2N 3L4 (CA).
THOMPSON, Bradley, G.

[CA/CA]; 1775 - 7th Avenue, N.W., Calgary, Alberta T2N 0Z5 (CA).
BALL, Douglas [CA/CA]; 78 Evergreen Terrace, N.W., Calgary, Alberta T2Y 2V9 (CA).

(74) MITCHELL, Richard, J. et al. / etc.; c/o Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (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).

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 A61K 35/78

(11) WO 03/094940 (13) A1

(21) PCT/CN02/00534

(22) 2 Aug/août 2002 (02.08.2002)

(25) zh (26) zh

(30) 02119186.7 14 May/mai 2002 CN (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAMENT FOR PREVENTION AND TREATMENT OF FRACTURE AND OSTEOPOROSIS

• MEDICAMENT DESTINE A LA PREVENTION ET AU TRAITEMENT DES FRACTURES ET DE L'OSTEOPOROSE

(71) SAGITTARIUS LIFE SCIENCE CORP. [CN/CN]; 19F-3, No.266, Sec. 1 Wen Hwa 2nd Rd., Linkou Hsiang, 244 Taipei Hsien, Taiwan (CN).

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

(72, 75) LIU, Suying [CN/CN]; 19F-3, No. 266, Sec. 1, Wen Hwa 2nd Rd., Lindou Hsiang, Taipei Hsien, Taiwan (CN).
TSAI, Yiming [CN/CN]; 19F-3, No. 266, Sec. 1, Wen Hwa 2nd Rd., Lindou Hsiang, Taipei Hsien, Taiwan (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 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 **A61K 35/78, 35/56, A61P 1/02**
- (11) **WO 03/094941** (13) A1
- (21) PCT/CN02/00576
- (22) **19 Aug/août 2002 (19.08.2002)**
- (25) zh (26) zh
- (30) 02111656.3 **14 May/mai 2002 CN (14.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • TRADITIONAL CHINESE PHARMACEUTICAL FORMULATION FOR TREATMENT OF PARADENTOSIS, PROCESS FOR PREPARATION AND USE THEREOF
- PREPARATION PHARMACEUTIQUEMENT CHINOISE TRADITIONNELLE POUR LE TRAITEMENT DE LA PARODONTOSE ET SON PROCÉDE DE PREPARATION ET D'UTILISATION
- (71, 72) **ZHU, Jianzhong** [CN/CN]; Room 503, No. 18, Shang Gang Qi Cun, Pudong New Area, Shanghai 200126 (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 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).
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- (51)⁷ **A61K 35/78, 7/48, 9/08, A23L 1/076**
- (11) **WO 03/094942** (13) A1
- (21) PCT/EP03/04111
- (22) **19 Apr/avr 2003 (19.04.2003)**
- (25) de (26) de
- (30) 102 21 212.0 **13 May/mai 2002 DE (13.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SOLUBLE COMPOSITION CONTAINING SPOROPOLLENIN AND THE USE THEREOF
- COMPOSITION SOLUBLE CONTENANT DE LA SPOROPOLLENINE ET UTILISATION DE LADITE COMPOSITION

- (71) **MAACK, Ines** [DE/DE]; Schipperkamp 29, D-31717 Nordschl (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MAACK, Andreas** [DE/DE]; Schipperkamp 29, D-31717 Nordschl (DE).
- (74) **SIECKMANN, Ralf**; Schumannstrasse 97-99, 40237 Düsseldorf (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 TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- Published / Publiée : (a)
-
- (51)⁷ **A61K 35/78, A61P 15/10**
- (11) **WO 03/094943** (13) A1
- (21) PCT/EP03/04528
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) MI2002A000990 **10 May/mai 2002 IT (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FORMULATIONS USEFUL IN THE TREATMENT OF MALE AND FEMALE IMPOTENCE
- PREPARATIONS QUI CONVIENNENT POUR LE TRAITEMENT DE L'IMPUISSANCE CHEZ L'HOMME ET DE DYSFONCTIONNEMENTS SEXUELS CHEZ LA FEMME
- (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). **MORAZZONI, Paolo** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). **RIVA, Antonella** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). **SEGHIZZI, Roberto** [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 **A61K 35/78, A61P 15/00**
- (11) **WO 03/094944** (13) A1
- (21) PCT/EP03/04611
- (22) **2 May/mai 2003 (02.05.2003)**
- (25) en (26) en
- (30) MI2002A000994 **10 May/mai 2002 IT (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FORMULATIONS USEFUL IN THE TREATMENT OF MALE AND FEMALE IMPOTENCE
- PREPARATIONS UTILISEES POUR LE TRAITEMENT DE L'IMPUISSANCE CHEZ L'HOMME ET CHEZ LA FEMME
- (71) **INDENA S.P.A.** [IT/IT]; Via 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). **MORAZZONI, Paolo** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). **RIVA, Antonella** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). **SEGHIZZI, Roberto** [IT/IT]; Viale Ortles, 12, I-20139 Milano (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) **A61K 35/78**
- (11) **WO 03/094945** (13) A1
- (21) PCT/EP03/04748
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) de (26) de
- (30) 102 20 331.8 **7 May/mai 2002 DE (07.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • USE OF HYPERFORIN AND DERIVATIVES THEREOF FOR INHIBITING ANGIOGENESIS
- UTILISATION D'HYPERFORINE ET DE SES DERIVES POUR L'INHIBITION DE L'ANGIOGENESE
- (71) **UNIVERSITÄTSKLINIKUM FREIBURG** [DE/DE]; Hugstetter Strasse 49, 79106 Freiburg (DE).
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(74) DR. KELLER, Günter et al. / etc.; Lederer & Keller, Prinzregentenstrasse 16, 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).

(51)⁷ A61K 35/78

(11) WO 03/094946 (13) A1

(21) PCT/IB03/01808

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,303 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEPATOPROTECTIVE ACTIVITY OF 2'-P-HYDROXYBENZOYL-MUS-SAENOSIDIC ACID

• ACTIVITE HEPATOPROTECTRICE DE L'ACIDE 2'-P-HYDROXYBENZOYL-MUSSAENOSIDIQUE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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(72, 75) PRABHAKAR, Anil [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). GUPTA, Bishan, Datt [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). SURI, Krishan, Aytar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). SATTI, Naresh, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). MALHOTRA, Swadesh [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). GUPTA, Kuldip, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). SHARMA, Vijay, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). JOHRI, Rakesh, Kamal [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). JAGGI, Bupinder, Singh [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). CHANDAN, Bal, Krishan [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). LAL, Shankar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). BEDI, Kasturi, Lal [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). SURI, Om, Parkash [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu

(IN). QAZI, Gulam, Nabi [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN).

(74) GABRIEL, Devadoss, Calab; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (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).

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(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 35/78, A23L 1/29

(11) WO 03/094947 (13) A1

(21) PCT/KR02/00862

(22) 9 May/mai 2002 (09.05.2002)

(25) ko (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HERBAL EXTRACT FOR PROPHYLAXIS OR TREATMENT OF INFLAMMATORY DISEASES AND PROCESS FOR PREPARATION THEREOF

• EXTRAIT D'HERBES POUR LA PROPHYLAXIE OU LE TRAITEMENT DE MALADIES INFLAMMATOIRES ET PROCEDE DE PREPARATION ASSOCIE

(71) CHEMON INC. [KR/KR]; 464-5 Joong-ri, Kusung-eup, Yongin-si, Kyunggi-do 449-916 (KR).

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(72, 75) KIM, Hyung Min [KR/KR]; #2-901 Woosung Apt., Dongsan-dong, Iksan-si, Jullabuk-do 570-060 (KR).

(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16 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 KR KZ LC LK 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 A61K 35/78

(11) WO 03/094948 (13) A1

(21) PCT/US03/14408

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,839 10 May/mai 2002 US (10.05.2002)

(30) 10/434,444 7 May/mai 2003 US (07.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FENUGREEK SEED BIO-ACTIVE COMPOSITIONS AND METHODS FOR EXTRACTING SAME

• COMPOSITIONS BIOACTIVES DE GRAINE DE FENUGREC ET PROCEDES POUR LES EXTRAIRE

(71) TECHNICAL SOURCING INTERNATIONAL, INC. [US/US]; 201 West Main Street, Suite 101, Missoula, MT 59802 (US).

(72) LEE, Steve, S.; 1742 Misty Meadows, Sandy, UT 84093 (US). HYNSON, Richard, B.; 3505 Trails End Road, Missoula, MT 59803 (US). ZHANG, Ke-Qin; 1-1-401 Anlixincun, Fuzhou, Fujian (CN). LI, Wu-Zhou; 73-2-201 Guandao, Xuzhou, Jiangsu (CN). ZHOU, Jing Shi; 1089 N. Qinzhou Road, 5F, #54 Building, Shanghai (CN).

(74) PIERCE, Gary, D., E.; Pate Pierce & Baird, 215 South State Street, Suite 550, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 14/00, C07H 21/04, C12N 15/00, 15/09

(11) WO 03/094949 (13) A1

(21) PCT/US02/37416

(22) 20 Nov/nov 2002 (20.11.2002)

(25) en (26) en

(30) 10/166,349 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • MAMMALIAN GENES MODULATED DURING FASTING AND FEEDING

• GENES MAMMIFERES MODULES AU COURS DES CYCLES DE JEUNE ET D'ALIMENTATION

- (71) GENENTECH INC, et al. [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US). CURAGEN CORPORATION [US/US]; 555 Long Wharf Drive, 11th Floor, New Haven, CT 06511 (US).
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- (72, 75) LEWIN, David [US/US]; 298 Lawrence Street, New Haven, CT 06511 (US). STEWART, Timothy, A. [NZ/US]; 465 Douglas Street, San Francisco, CA 94114 (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 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 A61K 38/19, 38/17, 38/07, 31/557, A61P 37/06, 29/00

- (11) WO 03/094950 (13) A1

- (21) PCT/EP03/04872

- (22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en

- (30) 02010573.0 10 May/mai 2002 EP (10.05.2002)

- (30) 02011201.7 21 May/mai 2002 EP (21.05.2002)

- (30) 60/381,802 21 May/mai 2002 US (21.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A METHOD OF INHIBITING THE EMIGRATION OF CELLS FROM THE INTRAVASCULAR COMPARTMENT INTO TISSUES

• PROCEDE VISANT A INHIBER L'EMIGRATION DES CELLULES DU COMPARTIMENT INTRAVASCULAIRE DANS LES TISSUS

- (71) IPF PHARMACEUTICALS GMBH [DE/DE]; Feodor-Lynen-Str. 31, 30625 Hannover (DE).
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- (72, 75) FORSSMANN, Ulf [DE/DE]; IPF PharmaCeuticals GmbH, Feodor-Lynen-Str. 31, 30625 Hannover (DE). ELSNER, Jörn [DE/DE]; Pickertsberg 35, D-31515 Wunstorf (DE). ESCHER, Sylvia [DE/DE]; Liebigstr. 6, D-30163 Hannover (DE). SPODSBERG, Nikolaj [DK/DE]; Rautenstr. 20, D-30171 Hannover (DE).

- (74) MEYERS, Hans-Wilhelm et al. / etc.; Patent Attorneys, von Kreisler Selting

Werner, P.O. Box 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).

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- (51)⁷ A61K 38/28, C07K 14/62

- (11) WO 03/094951 (13) A1

- (21) PCT/DK03/00239

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

- (25) en (26) en

- (30) PA 2002 00684 7 May/mai 2002 DK (07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SOLUBLE FORMULATIONS COMPRISING INSULIN ASPART AND INSULIN DETEMIR

• PREPARATIONS SOLUBLES COMPRENANT DE L'INSULINE ASPART ET DE L'INSULINE DETEMIR

- (71) NOVO NORDISK A/S [DK/DK]; Corporate Patents, Novo Allé, DK-2880 Bagsvaerd (DK).

- (72) LANGKJÆR, Liselotte; Krøyersvej 22 C, DK-2930 Klampenborg (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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 38/40, A23L 1/305

- (11) WO 03/094952 (13) A1

- (21) PCT/US03/14584

- (22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en

- (30) 60/379,474 10 May/mai 2002 US (10.05.2002)

- (30) 60/379,442 10 May/mai 2002 US (10.05.2002)

- (30) 60/379,441 10 May/mai 2002 US (10.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • INTRATUMORALLY ADMINISTERED LACTOFERRIN IN THE TREATMENT OF MALIGNANT NEOPLASMS AND OTHER HYPERPROLIFERATIVE DISEASES

• LACTOFERRINE ADMINISTREE PAR VOIE INTRATUMORALE UTILISEE DANS LE CADRE DU TRAITEMENT DE NEOPLASMES MALINS ET D'AUTRES MALADIES HYPERPROLIFERATIVES

- (71) AGENNIX INCORPORATED [US/US]; 8 Greenway Plaza, Suite 910, Houston, TX 77046 (US).

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- (72, 75) VARADHACHARY, Atul [IN/US]; 4328 Lula Street, Bellaire, TX 77401 (US). PETRAK, Karel [GB/US]; 707 Knox Street, Houston, TX 77007 (US). BARSKY, Rick [US/US]; 3027 Jarrard, Houston, TX 77005 (US). O'MALLEY, Bert [US/US]; The University of Maryland School of Medicine, 16 S. Eutaw St., Suite 500, Baltimore, MD 21201 (US).

- (74) ACOSTA, Melissa, W. et al. / etc.; 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 A61K 38/42, A61P 39/00

- (11) WO 03/094953 (13) A1

- (21) PCT/EP03/03911

- (22) 15 Apr/avr 2003 (15.04.2003)

- (25) de (26) de

- (30) 102 20 992.8 11 May/mai 2002 DE (11.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • OXYGEN CARRIER, SELECTED FROM HAEMOGLOBIN, MYOGLOBIN AND THEIR DERIVATIVES, FOR TREATING ORGAN DYSFUNCTION/TISSUE DAMAGE CAUSED BY AN ACUTE SUPPLY DEFICIENCY

• TRANSPORTEUR D'OXYGENE SELECTIONNE PARMI L'HEMOGLOBINE, LA MYOGLOBINE ET DES DERIVES DE CELLES-CI POUR LE TRAITEMENT D'UN TROUBLE FONCTIONNEL ORGANIQUE/D'UNE LESION TISSULAIRE RESULTANT D'UNE INSUFFISANCE AIGUE D'APPORTS

- (71) SANGUIBIOTECH AG [DE/DE]; Alfred Herrhausen Strasse 44, 58455 Witten (DE).
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(72, 75) **BARNIKOL, Wolfgang** [DE/DE]; Lanzeloh 66, 55128 Mainz (DE).
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(74) **MÜLLER, Claudia**; Bürogemeinschaft Schnickel Darr Müller Scheid, Uhlandstrasse 58, 60314 Frankfurt/Main (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 **A61K 38/46, 38/48**

(11) **WO 03/094954** (13) A1

(21) PCT/US02/30597

(22) **25 Sep/sep 2002 (25.09.2002)**

(25) en (26) en

(30) 60/325,015 **25 Sep/sep 2001 US (25.09.2001)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITION AND METHOD FOR MINIMIZING OR AVOIDING ADVERSE EFFECTS OF VESICANTS

• COMPOSITION ET PROCÉDE SERVANT À MINIMISER OU À ÉVITER LES EFFETS NEFASTES DE VÉSICANTS

(71) **QUICK MED TECHNOLOGIES, INC.** [—/US]; 401 NE 25th Terrace, Boca Raton, FL 33431 (US).

(72) **LERNER, David, S.**; Boca Raton, FL (US).
SCHULTZ, Gregory; Gainesville, FL 32605 (US).

(74) **VAN DYKE, Timothy, H.**; Van Dyke & Associates, P.A., Suite 252, 7200 Lake Ellenor Drive, 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 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 **A61K 38/48, A61P 25/18, 25/22, 25/28**

(11) **WO 03/094955** (13) A1

(21) PCT/US03/11416

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

(25) en (26) en

(30) 10/143,078 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRACRANIAL TREATMENT OF NEUROPSYCHIATRIC DISORDERS BY CLOSTRIDIAL NEUROTOXINS SUCH AS BOTULINUM TOXIN

• TRAITEMENT INTRACRANIEN DE TROUBLES NEUROPSYCHIATRIQUES PAR DES NEUROTOXINES CLOSTRIDIENNES TELLES QUE LA TOXINE BOTULINIQUE

(71) **ALLERGAN, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **DONOVAN, Stephen**; 27252 Calle Anejo, Capistrano Beach, CA 92624 (US).

(74) **DONOVAN, Stephen et al.** / etc.; c/o Allergan, Inc., 2525 Dupont Drive, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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/DK03/00288

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) PA 2002 00683 **7 May/mai 2002 DK (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOLUBLE FORMULATIONS COMPRISING MONOMERIC INSULIN AND ACYLATED INSULIN

• PRÉPARATIONS SOLUBLES COMPRENANT DE L'INSULINE MONOMÈRE ET DE L'INSULINE ACYLÉE

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

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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).

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(51)⁷ **A61K 39/00**

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(25) en (26) en

(30) 0210741.5 **10 May/mai 2002 GB (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF THERAPY

• MÉTHODES DE THÉRAPIE

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(74) **MILES, John, S.**; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 39/00, C12N 5/00, 5/02, 5/06, 5/10**

(11) **WO 03/094958** (13) A1

(21) PCT/US03/14402

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,202 **9 May/mai 2002 US (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMMUNOPROTECTIVE METHODS FOR BETA CELL NEOGENESIS

• PROCÉDES D'IMMUNOPROTECTION DE LA NEOGENESE DE CELLULES BETA

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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).

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(21) PCT/EP03/04948

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(25) en (26) en

(30) PCT/IT02/00307 9 May/mai 2002 IT
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED POLYSACCHARIDE AND
GLYCOCONJUGATE VACCINES

• VACCINS DE POLYSACCHARIDE ET
GLYCOCONJUGUES AMELIORES

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(74) COPPO, Alessandro et al. / etc.; Ing
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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
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TG).

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(25) en (26) en

(30) 60/380,675 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MUCOSAL COMBINATION VAC-
CINES FOR BACTERIAL MENINGITIS

• VACCINS COMBINES DESTINES
A ETRE ADMINISTRES AUX MU-
QUEUSES POUR L'IMMUNISATION
CONTRE LA MENINGITE BACTE-
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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 39/02, 39/385, C07K 17/06

(11) WO 03/094961 (13) A1

(21) PCT/IT02/00307

(22) 9 May/mai 2002 (09.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED POLYSACCHARIDE
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CINES

• VACCINS DE POLYSACCHARIDES ET
DE GLYCOCONJUGUES AMELIORES

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(74) DE GREGORI, Antonella et al. / etc.; Ing.
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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 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 39/12

(11) WO 03/094962 (13) A2

(21) PCT/EP03/04855

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210682.1 9 May/mai 2002 GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL VACCINATION

• NOUVEAU VACCIN

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(74) STEPHEN, Robert, J.; GlaxoSmithKline,
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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 39/39

(11) WO 03/094963 (13) A2

(21) PCT/CA03/00678

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,343 10 May/mai 2002 US
(10.05.2002)

(30) 10/290,545 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/460,646 4 Apr/avr 2003 US
(04.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHYLATED IMMUNOSTIMULA-
TORY OLIGONUCLEOTIDES AND
METHODS OF USING THE SAME

• OLIGONUCLEOTIDES METHYLES
IMMUNOSTIMULATEURS ET ME-
THODES D'UTILISATION DE CES
DERNIERS

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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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, 39/35

(11) WO 03/094964 (13) A1

(21) PCT/CU03/00007

(22) 8 May/mai 2003 (08.05.2003)

(25) es (26) es

(30) 91/2002 8 May/mai 2002 CU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALLERGY VACCINE COMPOSITION,
PRODUCTION METHOD THEREOF
AND USE OF SAME IN ALLERGY
TREATMENT

• COMPOSITION VACCINALE CONTRE
LES ALLERGIES, SON PROCEDE
D'OBTENTION ET D'UTILISATION
DANS LE TRAITEMENT DES ALLER-
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(71) INSTITUTO FINLAY, CENTRO DE
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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
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(25) en (26) en

(30) 60/379,114 8 May/mai 2002 US
(08.05.2002)

(30) 60/393,159 2 Jul/juil 2002 US
(02.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULATION OF NEURAL STEM
CELLS AND NEURAL PROGENITOR
CELLS

• MODULATION DE CELLULES
SOUCHES NEURALES ET DE CEL-
LULES PROGENITRICES NEURALES

(63) US Not furnished /
non communiqué (CIP)
Not furnished /
non communiquée

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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 45/00, 38/00, 38/22, A61P 9/00

(11) WO 03/094966 (13) A1

(21) PCT/JP03/05901

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-135575 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARTERIALIZATION AGENT AND AN-
TIARTERIALIZATION AGENT

• AGENT D'ARTERIALISATION ET
AGENT D'ANTIARTERIALISATION

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103-0004 (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 A61K 45/06

(11) WO 03/094967 (13) A2

(21) PCT/EP03/04653

(22) 3 May/mai 2003 (03.05.2003)

(25) en (26) en

(30) 02010305.7 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL COMBINATION FOR THE
TREATMENT OF AIRWAY DISOR-
DERS

• NOUVELLE COMBINAISON DES-
TINEE AU TRAITEMENT DES
TROUBLES DES VOIES AERIENNES

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(74) **ALTANA PHARMA AG**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).

(81) AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA US 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA VN YU ZA ZW EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE 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 **A61K 45/06, A61P 11/00**

(11) **WO 03/094968** (13) A2

(21) PCT/EP03/04657

(22) **3 May/mai 2003 (03.05.2003)**

(25) en (26) en

(30) 02010306.5 **7 May/mai 2002 (07.05.2002)** EP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMBINATION FOR THE TREATMENT OF AIRWAY DISORDERS
• COMPOSITION UTILISEE DANS LE TRAITEMENT DU MAL DE L'AIR

(71) **ALTANA PHARMA AG** [DE/DE]; Byk-Gulden-Str. 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72) **HANAUER, Guido**; Säntisblick 18, 78465 Konstanz (DE). **KROMER, Wolfgang**; Hinterhauserstrasse 5, 78464 Konstanz (DE). **POSTIUS, Stefan**; Austrasse 4b, 78467 Konstanz (DE). **SIMON, Wolfgang-Alexander**; Schubertstrasse 17, 78464 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANAUER, Guido** [DE/DE]; Säntisblick 18, 78465 Konstanz (DE). **KROMER, Wolfgang** [DE/DE]; Hinterhauserstr. 5, 78464 Konstanz (DE). **POSTIUS, Stefan** [DE/DE]; Austrasse 4b, 78467 Konstanz (DE). **SIMON, Wolfgang-Alexander** [DE/DE]; Schubertstrasse 17, 78464 Konstanz (DE).

(74) **ALTANA PHARMA AG**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).

(81) AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA US 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA VN YU ZA ZW EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE 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 **A61K 45/06, 31/203**

(11) **WO 03/094969** (13) A1

(21) PCT/US03/14526

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/378,547 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND COMPOSITIONS FOR TREATING TINEA VERSICOLOR USING COMBINATIONS OF RETINOIDS AND CERTAIN ANTIFUNGALS
• PROCEDES ET COMPOSITIONS PERMETTANT DE TRAITER LA PITYRIASIS VERSICOLOR AU MOYEN DE COMBINAISONS DE RETINOIDES ET DE CERTAINS ANTIFONGIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Wolverine Tower, 3003 South State Street, Ann Arbor, MI 48109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIRNBAUM, Jay, E.** [US/US]; 26 Cheyenne Drive, Montville, NJ 07045 (US).

(74) **BRADLEY, Ruben, N.**; Bradley N. Ruben, PC, 463 First Street, Suite 5A, Hoboken, NJ 07030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **A61K 47/00**

(11) **WO 03/094970** (13) A1

(21) PCT/US02/28391

(22) **5 Sep/sep 2002 (05.09.2002)**

(25) en (26) en

(30) 10/132,952 **26 Apr/avr 2002 (26.04.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A FUNGUS INHIBITING BIOLOGICAL COMPOUND

• COMPOSE BIOLOGIQUE FONGICIDE

(71, 72) **REISCH, Dennis** [US/US]; 10 Clark Road, Pasco, WA 99301 (US).

(74) **IVEY, Floyd, E.**; P.O. Box 6125, Kennewick, WA 99336 (US).

(81) 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 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 47/18, 47/28, 48/00, 9/127, C07J 51/00, C12N 15/88, A61P 43/00**

(11) **WO 03/094971** (13) A1

(21) PCT/SG03/00109

(22) **10 May/mai 2003 (10.05.2003)**

(25) en (26) en

(30) 60/379,549 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CATIONIC LIPIDS FOR INTRACELLULAR DELIVERY OF BIOACTIVE SUBSTANCES

• LIPIDES CATIONIQUES POUR LA LIBERATION INTRACELLULAIRE DE SUBSTANCES BIOACTIVES

(71) **JOHNS HOPKINS SINGAPORE PTE LTD** [SG/SG]; 41 Science Park Road, #03-18 The Gemini, Singapore Science Park II, Singapore 117610 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEONG, Kam** [US/US]; 10142 Breconshire Road, Ellicott City, MD 21042 (US). **JIE, Wen** [CN/US]; 729 Ross Building, 720 Rutland Avenue, Baltimore, MD 21205-2196 (US). **MAO, Hai, Quan** [CN/US]; 6505 Copper Ridge Drive, Apt. 101, Baltimore, MD 21209 (US). **WANG, Jun** [CN/US]; 729 Ross Building, 720 Rutland Avenue, Baltimore, MD 21205-2196 (US).

(74) **NAMAZIE, Mirza, Khaleel**; c/o Tan Rajah & Cheah, 9 Battery Road #15-00, Straits Trading Building, Singapore 049910 (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 : (a)

(51)⁷ A61K 47/48

(11) WO 03/094972 (13) A2

(21) PCT/EP03/04713

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02010552.4 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FAP-ACTIVATED ANTI-TUMOR PRO-
DRUGS

• PROMEDICAMENTS ANTITUMO-
RAUX ACTIVES PAR LA FAP

(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) PATZELT, Erik [AT/AT]; Hans Buch-
müller Gasse 8, A-3002 Purkersdorf (AT).
PARK, John, Edward [US/DE]; Am Mark-
tplatz 40, 88400 Biberach (DE). PETERS,
Stefan [DE/DE]; Ulmenweg 12, 88400 Biber-
erach (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 A61K 47/48, C07K 14/47, C12N 15/00,
15/11, 15/87

(11) WO 03/094973 (13) A1

(21) PCT/EP03/04833

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 648.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AGENT AND METHOD FOR TRANS-
PORTING BIOLOGICALLY ACTIVE
MOLECULES IN CELLS

• AGENT ET PROCEDE POUR LE
TRANSPORT DE MOLECULES BIO-
LOGIQUEMENT ACTIVES DANS LES
CELLULES

(71) MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WIS-
SENSCHAFTEN E.V. [DE/DE]; Hofgarten-
strasse 8, 80539 München (DE).

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

(72, 75) RESTLE, Tobias [DE/DE]; Schlepp-
bahnstr. 8, 44225 Dortmund (DE).
CHALOIN, Laurent [FR/FR]; 781, rue
de la Ducque, F-34730 Prades le Lez (FR).

(74) BOHMANN, Armin, K.; Bohmann &
Loosen, Sonnenstr. 8, 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).

Published / Publiée : (c)

(51)⁷ A61K 47/48

(11) WO 03/094974 (13) A1

(21) PCT/GB03/01985

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210538.5 8 May/mai 2002 GB
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPLEXES FOR THE DELIVERY OF
BIOLOGICALLY-ACTIVE MATERIAL
TO CELLS

• COMPLEXES PERMETTANT LE
TRANSPORT D'UNE MATIÈRE BIO-
LOGIQUEMENT ACTIVE DANS LES
CELLULES

(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) HURLEY, Christopher, Antony
[GB/GB]; 2 Wensleydale, Hemel Hempstead,
Hertfordshire HP2 5TF (GB). HAILES,
Helen, Claire [GB/GB]; 20 Gordon Street,
London WC1H 0AJ (GB). TABOR, Alethea,
Bernice [GB/GB]; 20 Gordon Street, Lon-
don WC1H 0AJ (GB). HART, Stephen,
Lewis [GB/GB]; 30 Guildford Street, Lon-
don WC1N 1EH (GB).

(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).

Published / Publiée : (c)

(51)⁷ A61K 49/08, 49/18, A61L 29/18, 31/18,
A61M 25/01, G01R 33/28

(11) WO 03/094975 (13) A1

(21) PCT/US02/40007

(22) 13 Dec/déc 2002 (13.12.2002)

(25) en (26) en

(30) 10/142,363 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MR-SIGNAL EMITTING COATINGS

• REVETEMENTS EMETTANT DES SI-
GNAUX RM

(71) WISCONSIN ALUMNI RESEARCH
FOUNDATION [US/US]; 614 Walnut
Street, Madison, WI 53705 (US).

(72) LI, Junwei; 12 Duh Drive, Apt. 232, Beth-
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Prairie Road, Madison, WI 53719 (US).
JIANG, Xiqun; 404 Yue Xing Apts., 1 Tai
Ping Men Street, Nanjing 210016 (CN).
STROTHER, Charles, Milton; 6014 Green-
tree Road, Madison, WI 53711 (US). YU,
Hyuk; 3183 Danhouser Road, Blue Mounds,
WI 53517 (US).

(74) WELCH, Teresa, J. et al. / etc.; Michael
Best & Friedrich LLP, 100 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 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 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 51/12, 9/19

(11) WO 03/094976 (13) A1

(21) PCT/US03/14598

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,581 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LYOPHILIZED EDIBLE FOOD INCOR-
PORATING A MARKER

• ALIMENT COMESTIBLE LYOPHILISE
CONTENANT UN MARQUEUR

(71) ADVANCED BREATH DIAGNOSTICS,
LLC [US/US]; 105 Westpark Drive, Suite
150, Brentwood, TN 37027 (US).

(72) BUSH, Kerry; 914 Steeplechase Drive,
Brentwood, TN 37027 (US). EVANS, Keith,
Darrel; 1010 Manley Lane, Brentwood, TN

37027 (US). **KONOPKA, Stanley, John**; 7 Drapel Court, Franklin, TN 37064 (US).

(74) **BAUMAN, Mary, P. et al. / etc.**; Fredrikson & Byron, P.A., 4000 Pillsbury Center, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).

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

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

(11) WO 03/094977 (13) A2

(21) PCT/US03/14375

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/377,740 3 May/mai 2002 US (03.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MATERIALS FOR DEGRADING CONTAMINANTS
• MATERIAUX PERMETTANT DE DEGRADER DES CONTAMINANTS

(71) **EMORY UNIVERSITY** [US/US]; Office of Technology Transfer, 1784 North Decatur Road, First Floor, North Decatur Building, Suite 130, Atlanta, GA 30322 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKUN, Nelya** [US/US]; 10905 Mortons Crossing, Alpharetta, GA 30022 (US). **HILL, Craig, L.** [US/US]; 2941 Cravey Drive, Atlanta, GA 30345 (US).

(74) **LINDER, Christopher, B.**; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, Atlanta, GA 30039-5948 (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 A61L 2/00, 2/08, 2/10, C12M 1/12, C12N 1/36, 5/00, 5/06, A01N 1/02

(11) WO 03/094978 (13) A1

(21) PCT/US03/13981

(22) 5 May/mai 2003 (05.05.2003)

(25) en

(30) 60/378,779 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHT DECONTAMINATION OF FERMENTATION MEDIA

• DECONTAMINATION LUMINEUSE D'UN MILIEU DE FERMENTATION

(71) **MILLIPORE CORPORATION** [US/US]; 290 Concord Road, Billerica, MA 01821 (US).

(72) **LUTZ, Herbert**; 15 Harris Street, Belmont, MA 02478 (US).

(74) **HUBBARD, John, Dana**; Millipore Corporation, 290 Concord Road, Billerica, MA 01821 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 A61L 2/00, 2/08, 2/18, A61K 31/525, 35/14, 41/00, A61M 1/36, C12N 7/04

(11) WO 03/094979 (13) A1

(21) PCT/US03/14070

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,374 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PREVENTING DAMAGE TO OR REJUVENATING A CELLULAR BLOOD COMPONENT USING MITOCHONDRIAL ENHANCER

• PROCEDE PERMETTANT D'EVITER L'ENDOMMAGEMENT OU D'ASSURER LE RAJEUNISSEMENT D'UN COMPOSANT SANGUIN CELLULAIRE A L'AIDE D'UN AMPLIFICATEUR MITOCHONDRIAL

(71) **GAMBRO, INC.** [US/US]; Patent Department, 10810 W. Collins Ave., Lakewood, CO 80215 (US).

(72) **GOODRICH, Raymond, P.**; 2132 S. Parfet Drive, Lakewood, CO 80227 (US). **DUMONT, Larry, Joe**; 6239 Holman Court, Arvada, CO 80004 (US).

(74) **BUTTERFIELD, Laura, M.**; Gambro, Inc., 10810 W. Collins Ave., Lakewood, CO 80215 (US).

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

(26) en

8 May/mai 2002 US (08.05.2002)

(20.11.2003)

• LIGHT DECONTAMINATION OF FERMENTATION MEDIA

• DECONTAMINATION LUMINEUSE D'UN MILIEU DE FERMENTATION

[US/US]; 290 Concord Road, Billerica, MA 01821 (US).

15 Harris Street, Belmont, MA 02478 (US).

Millipore Corporation, 290 Concord Road, Billerica, MA 01821 (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

A61L 2/00, 2/08, 2/18, A61K 31/525, 35/14, 41/00, A61M 1/36, C12N 7/04

(13) A1

14070

(06.05.2003)

(26) en

6 May/mai 2002 US (06.05.2002)

(20.11.2003)

• METHOD FOR PREVENTING DAMAGE TO OR REJUVENATING A CELLULAR BLOOD COMPONENT USING MITOCHONDRIAL ENHANCER

• PROCEDE PERMETTANT D'EVITER L'ENDOMMAGEMENT OU D'ASSURER LE RAJEUNISSEMENT D'UN COMPOSANT SANGUIN CELLULAIRE A L'AIDE D'UN AMPLIFICATEUR MITOCHONDRIAL

[US/US]; Patent Department, 10810 W. Collins Ave., Lakewood, CO 80215 (US).

2132 S. Parfet Drive, Lakewood, CO 80227 (US). DUMONT, Larry, Joe; 6239 Holman Court, Arvada, CO 80004 (US).

Gambro, Inc., 10810 W. Collins Ave., Lakewood, CO 80215 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A61L 2/18, C02F 1/50

(11) WO 03/094980 (13) A1

(21) PCT/JP03/05767

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134785 10 May/mai 2002 JP (10.05.2002)

(30) 2002-319214 1 Nov/nov 2002 JP (01.11.2002)

(30) 2002-376382 26 Dec/déc 2002 JP (26.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS FOR PRODUCING STERILIZED WATER

• APPAREIL DE PRODUCTION D'EAU STERILISEE

(71) **OKAZAKI, Mieko** [JP/JP]; 7-18, Nishi 2-chome, Kamifukuoka-shi, Saitama 356-0005 (JP).

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(72, 75) **SAKATA, Yu** [JP/JP]; A202, Sakurada-Doeru, 30-7, Sakurada, Aoba-ku, Yokohama-shi, Kanagawa 227-0061 (JP). **OKAZAKI, Toshio** [JP/JP]; 7-18, Nishi 2-chome, Kamifukuoka-shi, Saitama 356-0005 (JP). **IKEDA, Toshizumi** [JP/JP]; 15-2, Mizutani 2-chome, Fujimi-shi, Saitama 354-0014 (JP).

(74) **OKUYAMA, Shoichi et al. / etc.**; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-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 MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/03, A01M 1/20

(11) WO 03/094981 (13) A1

(21) PCT/ES03/00189

(22) 30 Apr/avr 2003 (30.04.2003)

(25) es (26) es

(30) U200201130 7 May/mai 2002 ES (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CASING FOR VAPOUR DIFFUSION DEVICES

• BOITIER POUR APPAREILS DIFFUSEURS DE VAPEURS

(71, 72) LLADO LLEBALL, Pere [ES/ES]; C/ Flassaters No. 14, Tallers 2, Nau 14, Poligon Industrial "Santiga", E-08130 Santa Perpetua de Mogoda (Barcelona) (ES).

(74) CANELA GIMÉNEZ, María Teresa; C/ Girona, 148, 1^o 2a, E-08037 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 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 A61L 9/20, B01D 53/00, C02F 1/32

(11) WO 03/094982 (13) A1

(21) PCT/US03/11352

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/140,082 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRODELESS ULTRAVIOLET DISCHARGE FLUID REMEDIATION

• REMEDIATION DE FLUIDES PAR DECHARGE DE RAYONS ULTRAVIOLETS SANS UTILISER D'ELECTRODES

(71) CARRIER CORPORATION [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) OBEE, Timothy, N.; 351 Foster Street, South Windsor, CT 06074 (US). HAY, Stephen, O.; 2606 Mill Pond Drive, South Windsor, CT 06074 (US). SANGIOVANNI, Joseph, J.; 150 South Stone Street, P.O. 363, West Suffield, CT 06093-0363 (US). HERTZBERG, Jared, B.; 50 Linden Street, New Haven, CT 06511 (US).

(74) HABELT, William, W.; Carrier Corporation, Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(81) AU 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 A61L 15/42, 15/32, A61K 38/48, C12N 9/74

(11) WO 03/094983 (13) A1

(21) PCT/EP03/04680

(22) 5 May/mai 2003 (05.05.2003)

(25) de

(30) 102 20 030.0 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RESORBABLE PHARMACEUTICAL FORMULATION FOR THE CONTINUOUS RELEASE OF THROMBIN

• FORMULATION PHARMACEUTIQUE RESORBABLE DESTINEE A LA LIBERATION CONTINUE DE THROMBINE

(71) RHEINISCH-WESTFÄLISCHE TECHNISCHE HOCHSCHULE AACHEN (RWTH) [DE/DE]; Templergraben 55, 52062 Aachen (DE).

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(72, 75) GERHARDS, Frank [DE/DE]; Hans Boeckler Alle 97, 52074 Aachen (DE). PEREIRA-PAZ, Rui-Miguel [PT/DE]; Hasselholzer Weg 13, 52074 Aachen (DE). KLEE, Doris [DE/DE]; Universitätsklinikum Aachen, Pauwelsstr. 30, 52074 Aachen (DE). HÖCKER, Hartwig [DE/DE]; Universitätsklinikum Aachen, Pauwelsstr. 30, 52074 Aachen (DE).

(74) VOSSIUS & PARTNER; Siebertstr. 4, 81675 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 A61L 27/00, A61K 33/42, 33/06, 38/17, A61P 19/00, 19/10

(11) WO 03/094984 (13) A1

(21) PCT/JP02/12971

(22) 11 Dec/déc 2002 (11.12.2002)

(25) ja (26) ja

(30) 2002-138989 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BONE OUTGROWTH AGENT AND THERAPEUTIC AGENT FOR OSTEOPOROSIS

• AGENT PERMETTANT D'OBTENIR UNE REPOUSSE OSSEUSE ET AGENT THERAPEUTIQUE SERVANT A TRAITER L'OSTEOPOROSE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP). NITTA GELATIN INC. [JP/JP]; 4-26, Sakuragawa 4-chome, Naniwa-ku, Osaka-shi, Osaka 556-0022 (JP).

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(26) de

(72, 75) KIKUCHI, Masanori [JP/JP]; Room 202, 15-109, Takezono 3-chome, Tsukuba-shi, Ibaraki 305-0032 (JP). TANAKA, Junzo [JP/JP]; 6, Kashimadai 3-chome, Tsukuba-shi, Ibaraki 305-3254 (JP). ITO, Noriichi [JP/JP]; 2301, 2-7, Shigita 1-chome, Joto-ku, Osaka-shi, Osaka 536-0015 (JP). MANDAI, Yoshinobu [JP/JP]; 77-14, Minamikinomoto 2-chome, Yao-shi, Osaka 581-0042 (JP). MATSUMOTO, Hiroko [JP/JP]; 603, 19-23, Nishikata 2-chome, Bunkyo-ku, Tokyo 113-0024 (JP). KOYAMA, Yoshihisa [JP/JP]; 3-7-1, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). TAKAKUDA, Kazuo [JP/JP]; 4-21-6, Nerima, Nerima-ku, Tokyo 176-0001 (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) CA 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 A61L 27/24, 27/56, 27/58, 27/60, 27/44

(11) WO 03/094985 (13) A1

(21) PCT/JP02/04665

(22) 14 May/mai 2002 (14.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARTIFICIAL EXTRACELLULAR MATRIX AND PROCESS FOR PRODUCING THE SAME

• MATRICE EXTRACELLULAIRE ARTIFICIELLE ET PROCEDE DE FABRICATION ASSOCIE

(71) HOKKAIDO TECHNOLOGY LICENSING OFFICE CO., LTD. [JP/JP]; 8-1, kita7-nishi2, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).

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(72, 75) TAKAI, Mitsuo [JP/JP]; 4-3, minami17-nishi17, Chuo-ku, Sapporo-shi, Hokkaido 064-0917 (JP). ERATA, Tomoki [JP/JP]; 4-3, Shinkawa 2-13, Kita-ku, Sapporo-shi, Hokkaido 001-0922 (JP). YUNOKI, Shunji [JP/JP]; Granced 903, 3-20, kita6-nishi15, Chuo-ku, Sapporo-shi, Hokkaido 060-0006 (JP). FUJITA, Tatsuya [JP/JP]; 7-3, Minamisawa 1-3, Minami-ku, Sapporo-shi, Hokkaido 005-0821 (JP).

(74) WATANABE, Atsushi et al. / etc.; PATENT ATTORNEYS "SHINPO", 1-20-10-203, Takadanobaba, 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 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 27/50

(11) WO 03/094986 (13) A1

(21) PCT/US03/13840

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,917 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MASKING DIFFUSION-HARDENED SURFACES ON PROSTHETIC DEVICES DURING POST-OXIDATION MASS FINISHING

- MASQUAGE DE SURFACES DURCIES PAR DIFFUSION SUR DES DISPOSITIFS PROTHETIQUES PENDANT UNE VIBROABRASION DE POST-OXYDATION

(71) SMITH & NEPHEW, INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) MCGEHEE, Brian; 8645 Woodbine Drive, Southaven, MS 38671 (US). DARB, Les; 659 Ranchette Acres, Batesville, MS 38606 (US).

(74) STACEY, George et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 A61L 27/56, 27/58

(11) WO 03/094987 (13) A1

(21) PCT/JP03/05887

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-137202 13 May/mai 2002 JP
(13.05.2002)(30) 2002-234337 12 Aug/août 2002 JP
(12.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEMBER FOR REGENERATING JOINT CARTILAGE AND PROCESS FOR PRODUCING THE SAME, METHOD OF REGENERATING JOINT CARTILAGE AND ARTIFICIAL CARTILAGE FOR TRANSPLANTATION

- ELEMENT PERMETTANT DE REGENERER UN CARTILAGE ARTICULAIRE ET PROCEDE PERMETTANT DE PRODUIRE CET ELEMENT, METHODES DE REGENERATION D'UN CARTILAGE ARTICULAIRE ET CARTILAGE ARTIFICIEL POUR TRANSPLANTATION

(71) TOSHIBA CERAMICS CO., LTD [JP/JP]; 7-5-25, Nishi-Shinjuku, Shinjuku-ku, Tokyo

160-0023 (JP). MMT.CO., LTD [JP/JP]; 5-3-17, Tani-machi, Chuou-ku, Osaka-shi, Osaka 540-0012 (JP).

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(71, 72) YOSHIKAWA, Hideki [JP/JP]; 2-111-1-605, Shouji, Toyonaka-shi, Osaka 560-0004 (JP).

(72, 75) MYOI, Akira [JP/JP]; 2-1-1-1207, Shin-senrinishi-machi, Toyonaka-shi, Osaka 560-0083 (JP). TAMAI, Noriyuki [JP/JP]; 717-6, Shimoi, Hannan-shi, Osaka 599-0202 (JP).

(74) KINOSHITA, Shigeru; 4TH FL. KANEKO BLDG., 42, Nakasaiwai-cho 4-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0012 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/00, 29/06

(11) WO 03/094988 (13) A1

(21) PCT/EP03/04515

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(30) 102 20 410.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLEXIBLE TUBES FOR FIXED PERIPHERAL VENOUS CANNULAS

- TUYAUX POUR CANULES VEINEUSES A DEMEURE PERIPHERIQUES

(71) REHAU AG + CO [DE/DE]; Rheniumhaus, 95111 Rehau (DE).

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

(72, 75) DOLLA, Andreas [DE/DE]; Krötenhofer Weg 22, 95032 Hof (DE).

(81) AE AU BA BR BY CA CN DZ HR ID IL IN IS JP KE KR MA MK MX NO NZ PH PL RU SG TN UA US YU 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 A61L 29/12

(11) WO 03/094989 (13) A1

(21) PCT/EP03/04516

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(30) 102 20 409.8 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CATHETER TUBE

- TUYAU DE CATHETER

(71) REHAU AG + CO [DE/DE]; Rheniumhaus, 95111 Rehau (DE). B. BRAUN MELSUNG AG [DE/DE]; Postfach 11 20, 34209 Melsungen (DE).

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(72, 75) DOLLA, Andreas [DE/DE]; Krötenhofer Weg 22, 95032 Hof (DE). GÖBEL, Udo [DE/DE]; Mühlenrain 1, 34212 Melsungen-Kirchhof (DE).

(81) AE AU BA BR BY CA CN DZ HR ID IL IN IS JP KE KR MA MK MX NO NZ PH PL RU SG TN UA US YU 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 A61L 31/16, 33/08, C08L 5/10, C08B 37/10

(11) WO 03/094990 (13) A1

(21) PCT/DE03/01253

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 60/378,676 9 May/mai 2002 US
(09.05.2002)(30) 102 21 055.1 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOUNDS AND METHOD FOR COATING SURFACES IN A HAEMO-COMPATIBLE MANNER

- COMPOSES ET PROCEDES POUR RECOUVRIR DE FAÇON HEMOCOMPATIBLE DES SURFACES

(71) HEMOTEQ GMBH [DE/DE]; Adenauerstrasse 15, 52146 Würselen (DE).

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

(72, 75) HORRES, Roland [DE/DE]; Am Dorfweier 1, 52223 Stolberg (DE). LINSSEN, Marita, Katharina [DE/DE]; Turpinstrasse 121, 52066 Aachen (DE). HOFFMANN, Michael [DE/DE]; Bergratherstrasse 13, 52249 Eschweiler (DE). FAUST, Volker [DE/DE]; Bruchstrasse 40, 52080 Aachen (DE). HOFFMANN, Erika [DE/DE]; Bergratherstrasse 13, 52249 Eschweiler (DE). DI BIASE, Donato [DE/DE]; Kalkbergstrasse 162, 52080 Aachen (DE).

(74) ARTH, Hans-Lothar; Arth, Bucher & Kollegen, Innovations- und Gründerzentrum Biotechnologie IZB, Am Klopferspitz 19, 82152 Planegg (Martinsried) (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).

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(51)⁷ A61L 31/16, 33/08, A61K 31/727

(11) WO 03/094991 (13) A1

(21) PCT/DE03/01254

(22) 15 Apr/avr 2003 (15.04.2003)

(25) de (26) de

(30) 60/378,676 9 May/mai 2002 US (09.05.2002)

(30) 102 21 055.1 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAL PRODUCTS COMPRISING A HAEMOCOMPATIBLE COATING, PRODUCTION AND USE THEREOF

• PRODUITS MEDICAUX POURVUS D'UN REVETEMENT HEMOCOMPATIBLE, LEUR PRODUCTION ET LEUR UTILISATION

(71) HEMOTEQ GMBH [DE/DE]; Adenauerstrasse 15, 52146 Würselen (DE).

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

(72, 75) HORRES, Roland [DE/DE]; Am Dorfweier 1, 52223 Stolberg (DE). LINSSEN, Marita, Katharina [DE/DE]; Turpinstrasse 121, 52066 Aachen (DE). HOFFMANN, Michael [DE/DE]; Bergratherstrasse 13, 52249 Eschweiler (DE). FAUST, Volker [DE/DE]; Bruchstrasse 40, 52080 Aachen (DE). HOFFMANN, Erika [DE/DE]; Bergratherstrasse 13, 52249 Eschweiler (DE). DI BIASE, Donato [DE/DE]; Kalkbergstrasse 162, 52080 Aachen (DE).

(74) ARTH, Hans-Lothar; Arth, Bucher & Kollegen, Innovations- und Gründerzentrum Biotechnologie IZB, Am Klopferspitz 19, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/094992 (13) A2

(21) PCT/FR03/01425

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05748 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR LIQUID MICRO-INJECTION IN CONFINED MEDIUM

• DISPOSITIF POUR LA MICRO-INJECTION DE LIQUIDE EN MILIEU CONFINE

(71) PRIMEBIOTECH [FR/FR]; 36, avenue Hoche, F-75008 Paris (FR). UNIVERSITE DE NANTES [FR/FR]; 1, quai de Tourville, F-44035 Nantes Cedex 01 (FR).

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(72, 75) ROLLING, Fabienne [FR/FR]; 19, boulevard Amiral Courbet, F-44000 Nantes (FR). WEBER, Michel [FR/FR]; 4, allée de la Galissonnière, F-44120 Vertou (FR). CONRATH, Hervé [FR/FR]; 2, place Canclaux, F-44100 Nantes (FR).

(74) VAILLANT, Jeanne et al. / etc.; Ernest Gutmann - Yves Plasseraud S.A., 3, rue Chauveau-Lagarde, 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 A61M

(11) WO 03/094993 (13) A2

(21) PCT/US03/14638

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,521 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MALE EXTERNAL CATHETERS

• CATHETERS EXTERNES MALES

(63) US 10/143,521 (CON) 10 May/mai 2002 (10.05.2002)

(71) MENTOR CORPORATION [US/US]; 201 Mentor Drive, Santa Barbara, CA 93111 (US).

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

(72, 75) OGDEN, Jason [US/US]; 712 Westwood Drive, Santa Barbara, CA 93109 (US). ANDERSON, John [US/US]; 4699 Woodmere, Santa Maria, CA 93455 (US).

(74) ANDERSON, Richard, J.; Fish & Richardson P.C., P.A., Suite 3300, 60 South 6th 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 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 A61M

(11) WO 03/094994 (13) A2

(21) PCT/US03/14698

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,324 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADJUSTABLE BALLOON ANCHORING TROCER

• TROCART REGLABLE POUR L'ANCHORAGE D'UN BALLONNET

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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

(72, 75) HEINRICH, Russell [US/US]; 11 Beaver Pond Road, Madison, CT 06443 (US).

(74) PERRY, Kimberly, V. et al. / etc.; Tyco Healthcare Group, LP, 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/00

(11) WO 03/094995 (13) A1

(21) PCT/US03/14063

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/377,649 6 May/mai 2002 US (06.05.2002)

(30) 60/389,881 20 Jun/juin 2002 US (20.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING DRUG PHARMACOKINETICS

• METHODE ET DISPOSITIF DE CONTROLE PHARMACOCINETIQUE DE MEDICAMENTS

(71) BECTON, DICKINSON AND COMPANY [US/US]; Intellectual Property Department, Mail Code 089, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

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

(72, 75) **PETTIS, Ronald, J.** [US/US]; 101 Langdale Place, Cary, NC 27513 (US). **HARVEY, Noel, G.** [US/US]; 3211 US70 West, Efland, NC 27243 (US). **GINSBERG, Barry** [US/US]; 501 Lydia Lane, Wyckoff, NJ 07481 (US).

(74) **HOBBS, Ann, S.**; **VENABLE, BAETJER, HOWARD & CIVILETTI, LLP**, P.O. Box 34385, 1201 New York Avenue, 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 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 **A61M 1/00**

(11) **WO 03/094996** (13) A1

(21) PCT/US03/14868

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,431 **9 May/mai 2002 (09.05.2002)** US

(30) 10/259,007 **26 Sep/sep 2002 (26.09.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATED PROVISION OF INFORMATION RELATED TO AIR EVACUATION FROM A CHEST CAVITY

• RECUEIL D'INFORMATIONS AUTOMATISE RELATIVES A L'EVACUATION D'AIR D'UNE CAVITE PULMONAIRE

(71) **SPIRATION, INC.** [US/US]; 18109 NE 76th Street, Redmond, WA 98052 (US).

(72) **SIROKMAN, William, A.**; 7336 122nd Avenue NE, Kirkland, WA 98033 (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) 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 **A61M 1/14**

(11) **WO 03/094997** (13) A1

(21) PCT/JP03/04737

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) ja (26) ja

(30) 2002-112471 **15 Apr/avr 2002 (15.04.2002)** JP

(30) 2003-47469 **25 Feb/fév 2003 (25.02.2003)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAL DEVICE
• DISPOSITIF MEDICAL

(71) **NIKKISO COMPANY LIMITED [JP/JP]**; 43-2, Ebisu, 3-chome, Shibuya-ku, Tokyo §150-0013 (JP).

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

(72, 75) **YOKOYAMA, Kazumi [JP/JP]**; c/o **NIKKISO COMPANY LIMITED**, 498-1, Shizutani, Haibara-cho Haibara-gun, Shizuoka §421-0404 (JP). **TAKAHASHI, Masahiro [JP/JP]**; c/o **NIKKISO COMPANY LIMITED**, 498-1, Shizutani, Haibara-cho Haibara-gun, Shizuoka §421-0404 (JP).

(74) **KOSHIKAWA, Takao**; 19th Hamamatsu Act Tower, 111-2, Itayamachi, Hamamatsu-shi, Shizuoka §430-8691 (JP).

(81) BR CN KR MX 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 SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **A61M 1/34, 1/16**

(11) **WO 03/094998** (13) A1

(21) PCT/EP03/04940

(22) **12 May/mai 2003 (12.05.2003)**

(25) de (26) de

(30) 02010185.3 **14 May/mai 2002 (14.05.2002)** EP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR REMOVING PROTEIN-BOUND SUBSTANCES
• DISPOSITIF D'EXTRACTION DE SUBSTANCES LIEES A DES PROTEINES

(71, 72) **KREYMAN, Bernhard, Dr.** [DE/DE]; Ohmstrasse 8, 80802 München (DE).

(74) **WIBBELMANN, Jobst**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 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 **A61M 5/00, B65D 81/20, A61L 2/26, 2/20, B65B 55/10, 31/02**

(11) **WO 03/094999** (13) A1

(21) PCT/FR03/01407

(22) **6 May/mai 2003 (06.05.2003)**

(25) fr (26) fr

(30) 02.05728 **7 May/mai 2002 (07.05.2002)** FR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PACKAGING FOR THE TRANSPORT OF STERILE OBJECTS OR OBJECTS TO BE STERILISED

• EMBALLAGE DESTINE A ETRE UTILISE POUR TRANSPORTER DES OBJETS STERILES OU A STERILISER

(71) **BECTON DICKINSON FRANCE [FR/FR]**; Rue Aristide Bergès, F-38800 LE PONT DE CLAIX (FR).

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

(72, 75) **RAYNAL-OLIVE, Claire [FR/FR]**; 14 rue de l'Eglise, Le Genevrey, F-38450 VIF (FR). **GRIMARD, Jean-Pierre [FR/FR]**; 14 rue du Nord, F-38450 VIF (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00**

(11) **WO 03/095000** (13) A1

(21) PCT/US03/14181

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,632 **7 May/mai 2002 (07.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYRINGE PLUNGERS, INJECTORS, INJECTOR SYSTEMS AND METHODS FOR USE IN AGITATION OF MULTI-COMPONENT FLUIDS

• PISTONS DE SERINGUE, INJECTEURS, SYSTEMES D'INJECTION,

ET LEURS PROCEDES D'UTILISATION DE LIQUIDES A PLUSIEURS COMPOSANTS SYRINGE

(71) MEDRAD, INC. [US/US]; One Medrad Drive, Indianola, PA 15051 (US).

(72) REILLY, David, M.; 2318 Middle Road, Glenshaw, PA 15116 (US). CALLAN, Gerald, W.; 108 Hunter Drive, Cranberry Township, PA 16066 (US). COWAN, Kevin, P.; 4242 Estates Court, Allison Park, PA 15101 (US).

(74) STEVENSON, James, R.; Medrad, Inc., One Medrad Drive, Indianola, PA 15051 (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).

Published / Publiée : (c)

(51)⁷ A61M 5/32, 5/31

(11) WO 03/095001 (13) A1

(21) PCT/EP03/04856

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210631.8 9 May/mai 2002 GB (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INJECTOR IN "CREDIT CARD" SHAPE WITH SHIELDED NEEDLE

• INJECTEUR SOUS FORME DE ≤ CARTE DE CREDIT ≥ A AIGUILLE PROTEGEE

(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) SLAWSON, Adam [GB/GB]; Glaxo-SmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB).

(74) WALKER, Ralph, Francis et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/32

(11) WO 03/095002 (13) A1

(21) PCT/US02/02250

(22) 24 Jan/jan 2002 (24.01.2002)

(25) en

(30) 09/768,397 24 Jan/jan 2001 US (24.01.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPRING-LOADED NEEDLE PROTECTIVE ASSEMBLY FOR MULTI-DRAW NEEDLE

• ASSEMBLAGE PROTECTEUR D'AIGUILLE A RESSORT POUR AIGUILLE SERVANT A DES PRELEVEMENTS MULTIPLES

(71) NORTH AMERICAN MEDICAL PRODUCTS, INC. [US/US]; 3 Walker Way, Albany, NY 12205 (US).

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

(72, 75) GIANAKOS, Arthur [US/US]; 3 Walker Way, Albany, NY 12205 (US).

(74) THOMPSON, Roger, S.; Cohen, Pontani, Lieberman & Pavane, 551 Fifth Avenue, Suite 1210, New York, NY 10176 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 A61M 5/32

(11) WO 03/095003 (13) A1

(21) PCT/US03/12762

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/141,968 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SAFETY INJECTORS

• DISPOSITIFS D'INJECTION SECURISES

(71) CAMBRIDGE BIOSTABILITY LTD. [GB/GB]; SCHOOL OF APPLIED SCIENCES, ANGLIA POLYTECHNIC UNIVERSITY, EAST ROAD, CAMBRIDGE CB1 1PT (GB). IDEA, INC. [US/US]; 400 Seventh Street, N.W., Washington, DC 20004 (US).

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

(72, 75) ROSER, Bruce [GB/GB]; 4 Archway Court, Barton Road, Cambridge CB3 9LW (GB).

(74) HOLMAN, John, C. et al. / etc.; JACOBSON HOLMAN, PLLC, 400 Seventh Street, NW, Washington, DC 20004-2218 (US).

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

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/32

(11) WO 03/095004 (13) A1

(21) PCT/US03/14277

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,290 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISPOSABLE SAFETY SYRINGE

• SERINGUE DE SURETE A JETER

(71) MAXXON, INC. [US/US]; 8908 South Yale, Suite 409, Tulsa, OK 74137 (US).

(72) SMITH, Martin, E.; 12451 Ridge Drive, Camarillo, CA 93012 (US). COUGHLIN, Thomas, R., Jr.; 1536 East 20th Street, Tulsa, OK 74120 (US). BOYER, Earl, R.; 6230 Anastasia, Simi Valley, CA 93063 (US). DALEY, Stuart, J.; 683 Valley Vista, Camarillo, CA 93010 (US).

(74) HELMREICH, Loren, G.; Browning Bushman, P.C., 5718 Westheimer, Suite 1800, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/00, 15/00, 16/00, A62B 7/10

(11) WO 03/095005 (13) A1

(21) PCT/US03/12065

(22) 18 Apr/avr 2003 (18.04.2003)

(25) en (26) en

(30) 60/379,025 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AEROSOL GENERATOR FOR DRUG FORMULATION AND METHODS OF GENERATING AEROSOL

• GENERATEUR D'AEROSOL POUR FORMULATIONS MEDICAMENTEUSES ET PROCEDES DE GENERATION D'AEROSOL

(71) CHRYSALIS TECHNOLOGIES INCORPORATED [US/US]; 7801 Whitepine Road, Richmond, VA 23237 (US).

(72) **NICHOLS, Walter, A.**; 9608 Summercliff Court, Chesterfield, VA 23832 (US). **BROOKMAN, Donald, L.**; 3424 Cooper Road, Richmond, VA 23225 (US). **GROL-LIMUND, Gary, E.**; 9829 Pampas Drive, Chesterfield, VA 23832 (US). **SMITH, Ulysses**; 29 Spinnaker Cove Drive, Midlothian, VA 23112 (US).

(74) **SKIFF, Peter, K. et al. / etc.**; Burns, Doane, Swecker & Mathis, LLP, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 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 A61M 11/02, B05B 11/00

(11) WO 03/095006 (13) A2

(21) PCT/EP03/04857

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210605.2 9 May/mai 2002 GB (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A FLUID DISPENSING DEVICE

• DISPOSITIF DE DISTRIBUTION DE FLUIDE

(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) **ANDERSON, Gregor, John, McLaren** [GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB). **DAVIES, Michael, Birsha** [GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB). **RAND, Paul, Kenneth** [GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB).

(74) **RICE, Jason, Neale**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/02, B05B 11/00

(11) WO 03/095007 (13) A2

(21) PCT/EP03/04858

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210605.2 9 May/mai 2002 GB (09.05.2002)

(30) 0217798.8 1 Aug/août 2002 GB (01.08.2002)

(30) 0219462.9 21 Aug/août 2002 GB (21.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A FLUID DISPENSING DEVICE

• DISPOSITIF DE DISTRIBUTION DE FLUIDE

(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) **DAVIES, Michael, Birsha** [GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB).

(74) **RICE, Jason, Neale**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/00, 15/08

(11) WO 03/095008 (13) A1

(21) PCT/JP03/05924

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-138058 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWDER CHEMICAL FEEDING DEVICE FOR NASAL CAVITY

• DISPOSITIF D'INJECTION DE PRODUIT CHIMIQUE EN POUDRE POUR CAVITE NASALE

(71) **BIOACTIS LIMITED** [JP/JP]; 6F, Toho Twin Tower Build., 5-2, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

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(71, 72) **TSUTSUI, Tatsuo** [JP/JP]; 9-8, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(74) **SAWANO, Katsufumi et al. / etc.**; Sawano & Associates, Co-op Olympia 211, 35-3, Jingumae 6-Chome, Shibuya-ku, Tokyo 150-0001 (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 A61M 15/00

(11) WO 03/095009 (13) A1

(21) PCT/FI03/00367

(22) 13 May/mai 2003 (13.05.2003)

(25) fi (26) en

(30) 20020909 14 May/mai 2002 FI (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INHALATOR AND METHOD OF MANUFACTURING SAME

• INHALATEUR ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **PERLOS OYJ** [FI/FI]; Menotie 1, FIN-33471 Yläjärvi (FI).

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(72, 75) **LAIHO, Juha** [FI/FI]; Tapulintie 16 as 2, FIN-36200 Kangasala (FI). **JUNKKARINEN, Vesa** [FI/FI]; Nahkurintie 12, FIN-81100 Kontiolahti (FI). **KOSUNEN, Veikko** [FI/FI]; Marjosärkäntie 17, FIN-80130 Joensuu (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 (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A61M 15/00

(11) WO 03/095010 (13) A2

(21) PCT/US03/14619

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,521 10 May/mai 2002 US (10.05.2002)

(30) 60/392,671 27 Jun/juin 2002 US (27.06.2002)

(30) 60/440,513 16 Jan/jan 2003 US (16.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRY POWDER INHALERS, RELATED BLISTER DEVICES, AND ASSOCIATED METHODS OF DISPENSING DRY POWDER SUBSTANCES AND FABRICATING BLISTER PACKAGES

• INHALATEURS DE POUDRE SECHE, DISPOSITIFS A EMBALLAGE-COQUE CORRESPONDANTS ET PROCEDES CORRESPONDANTS DE DISTRIBUTION DE POUDRE SECHE ET DE FABRICATION D'EMBALLAGES-COQUES

(71) ORIEL THERAPEUTICS, INC. [US/US]; 630 Davis Drive, Suite 120, Durham, NC 27713 (US).

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(72, 75) CROWDER, Timothy, M. [US/US]; 1205 Hillsborough Road, Chapel Hill, NC 27516 (US). HICKEY, Anthony, J. [GB/US]; 1208 Killington Court, Chapel Hill, NC 27514 (US). WARDEN, Jeffrey, A. [US/US]; 78001 Stokes, Chapel Hill, NC 27517 (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).

(51)⁷ A61M 15/00

(11) WO 03/095011 (13) A1

(21) PCT/US03/14634

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/141,849 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAMENT RESPIRATORY DELIVERY DEVICE AND CARTRIDGE

• CARTOUCHE ET DISPOSITIF POUR L'ADMINISTRATION DE MEDICAMENT AU NIVEAU RESPIRATOIRE

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(72) SULLIVAN, Vincent; 106 Ecklin Lane, Morrisville, NC 27560 (US).

(74) SCHMIDT, Richard D.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, N.W., Suite 1000, 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 A61M 15/00

(11) WO 03/095012 (13) A1

(21) PCT/US03/14983

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/146,086 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR VAPORIZING A COMPOUND

• PROCEDE ET DISPOSITIF DE VAPORISATION D'UN COMPOSE

(71) ALEXZA MOLECULAR DELIVERY CORPORATION [US/US]; 1001 East Meadow Circle, Palo Alto, CA 94303 (US).

(72) HALE, Ron, L.; 17085 Skyline Boulevard, Woodside, CA 94062 (US). SONG, Soonho; 580 Arastradero Road #204, Palo Alto, CA 94306 (US). QUINTANA, Reynaldo, J.; 1640 Virginia Ave., Redwood City, CA 94061 (US).

(74) STRACKER, Elaine, C.; Alexza MDC, 1001 East Meadow Circle, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 16/04

(11) WO 03/095013 (13) A1

(21) PCT/ES02/00225

(22) 13 May/mai 2002 (13.05.2002)

(25) es (26) es

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEMI-CANNULA FOR TRACHEOTOMY PATIENTS

• HEMI-CANULE POUR TRACHEOTOMISES

(71, 72) MOMPO ORTI, Luis, Blas [ES/ES]; Maestro Guerrero, 4-1, E-46008 Valencia (ES).

(74) SANZ-BERMELL MARTINEZ, Alejandro; Jativa, 4, E-46002 Valencia (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM 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 25/01, 29/00

(11) WO 03/095014 (13) A1

(21) PCT/US03/13153

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/142,575 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • CATHETER WITH PROTECTIVE SLEEVE
• CATHETER POURVU D'UN MANCHON PROTECTEUR

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(72) JANSEN, Lex, P.; 2237 Via Espada, Pleasanton, CA 94566 (US). OLSON JR., Stanley, W.; 6143 Lakeview Circle, San Ramon, CA 94583 (US). ABRAMS, Robert, M.; 127 Verde Court, Los Gatos, CA 95032 (US).

(74) BURSE, David, T.; Bingham McCutchen LLP, 1900 University Avenue, East Palo Alto, CA 94303-2223 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 29/00

(11) WO 03/095015 (13) A1

(21) PCT/US03/12782

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 60/379,540 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • BALLOON SYSTEM AND METHODS FOR TREATING OBESITY

• SYSTEME DE BALLON PERCUTANE A CYCLES DE GONFLAGE VARIABLES ET METHODE DE TRAITEMENT DE L'OBESITE PATHOLOGIQUE

(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).

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

(72, 75) ALVERDY, John, C. [US/US]; 921 Club Circle, Glenview, IL 60025 (US).

(74) MYERS, Richard, L.; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (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)

(51)⁷ A61M 31/00

(11) WO 03/095016 (13) A1

(21) PCT/US03/14879

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,140 8 May/mai 2002 US (08.05.2002)

(30) 60/426,058 13 Nov/nov 2002 US (13.11.2002)

(30) 60/429,914 29 Nov/nov 2002 US (29.11.2002)

(30) 60/431,287 6 Dec/déc 2002 US (06.12.2002)

(30) 10/329,295 23 Dec/déc 2002 US (23.12.2002)

(30) 10/349,323 21 Jan/jan 2003 US (21.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SYSTEM AND METHOD FOR FORMING A NON-ABLATIVE CARDIAC CONDUCTION BLOCK

• SYSTEME ET PROCEDE DE FORMATION D'UN BLOC DE CONDUCTION CARDIAQUE NON ABLATIF

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

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(72, 75) LEE, Randall [US/US]; 80 Downey Way, Hillsborough, CA 94010, - (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 39/26

(11) WO 03/095017 (13) A1

(21) PCT/US03/14158

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/142,635 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • NEEDLE-FREE MEDICAL CONNECTOR WITH EXPANDABLE VALVE MECHANISM AND METHOD OF FLUID FLOW CONTROL

• CONNECTEUR MEDICAL EXEMPT D'AIGUILLES DOTE D'UN MECANISME A VALVULE EXTENSIBLE

ET PROCEDE DE COMMANDE DE L'ÉCOULEMENT D'UN FLUIDE

(71) ALARIS MEDICAL SYSTEMS, INC. [US/US]; 10221 Wateridge Circle, Building A, San Diego, CA 92121-2733 (US).

(72) LEINSING, Karl, R.; 3 Playhouse Circle, Hampton, NH 03842 (US). MOSLER, Theodore, J.; 5433 Alafia Ct., Raleigh, NC 27616 (US).

(74) RUNK, Thomas, A. et al. / etc.; Fulwider Patton Lee & Utecht, 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).

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(51)⁷ A61N 1/00

(11) WO 03/095018 (13) A2

(21) PCT/US03/14780

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,207 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ELECTRICAL STIMULATION UNIT AND WATERBATH SYSTEM

• UNITE DE STIMULATION ELECTRIQUE ET SYSTEME DE POCHE A EAU

(71) DAEMEN COLLEGE [US/US]; 4380 Main Street, Amherst, NY 14226-3592 (US).

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(71, 72) BROGAN, Michael, S. [US/US]; 125 Potter Road, Buffalo, NY 14220 (US). EDSBERG, Laura, E. [US/US]; 4867 Chestnut Road, Newfane, NY 14108 (US). KALINOWSKI, Douglas, P. [US/US]; 12745 Brucker Road, Newstead, NY 14001 (US).

(74) BLANK, Christopher, E.; Jacckle Fleischmann & Mugel, LLP, 39 State Street, Rochester, NY 14614-1310 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 A61N 1/00, C12M 3/00, C12N 15/87

(11) WO 03/095019 (13) A2

(21) PCT/US03/15037

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,981 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DYNAMIC ELECTROPORATION APPARATUS AND METHOD
• DISPOSITIF ET PROCÉDE POUR ELECTROPORATION DYNAMIQUE

(71) PRODUCTION TECHNOLOGY CORPORATION [US/US]; 12 Main Street, Pemington, NJ 08534 (US).

(72) ACKER, Jesse, L.; 77 Canada Goose Drive, Hacktstown, NJ 07840 (US).

(74) SQUIRE, William_ 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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61N 1/04, A61B 5/0408

(11) WO 03/095020 (13) A1

(21) PCT/IB03/01867

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 0210889.2 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GARMENT AND METHOD FOR PRODUCING THE SAME
• VETEMENT ET PROCÉDE DE PRODUCTION CORRESPONDANT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) VALENTINE, Warren, B. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). THOMSON, Abigail [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; 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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61N 1/05

(11) WO 03/095021 (13) A1

(21) PCT/US03/11089

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/136,792 30 Apr/avr 2002 US (30.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HELIX ROTATION BY TRACTION
• ROTATION D'HELICE PAR TRACTION

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) WILLIAMS, Terrell, M.; 9308 West River Road, Brooklyn Park, MN 55444 (US). CHIVERS, Bruce, E.; 4124 Park Avenue South, Minneapolis, MN 55407 (US). FOERSTER, Laurie, D.; 4645 Island View Drive, Mound, MN 55364 (US).

(74) MCDOWALL, Paul, H. 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).

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(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 1/362

(11) WO 03/095022 (13) A2

(21) PCT/US03/13844

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/143,392 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR CONTROLLING A PACING SYSTEM IN THE PRESENCE OF EMI

• PROCÉDES ET APPAREILS DE COMMANDE D'UN SYSTÈME DE STIMULATION EN PRÉSENCE D'UNE INTERFÉRENCE ÉLECTROMAGNÉTIQUE (EMI)

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) FUNKE, Hermann, D.; Rue de Loch 7, B-4851 Gemmenich (BE).

(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).

Published / Publiée : (i)

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 1/372

(11) WO 03/095023 (13) A2

(21) PCT/US02/10584

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/828,460 6 Apr/avr 2001 US (06.04.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PASSIVE TELEMETRY SYSTEM FOR IMPLANTABLE MEDICAL DEVICE
• SYSTÈME DE TÉLÉMÉTRIE PASSIVE POUR DISPOSITIF MÉDICAL IMPLANTABLE

(71) CARDIAC PACEMAKERS, INC. [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) MASS, William, R.; 6264 Empire Lane, Maple Grove, MN 55311 (US). VON ARX, Jeffrey, A.; 2115 Emerson Avenue South, Minneapolis, MN 55405 (US).

(74) VIKSNINS, Ann, S.; 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 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 SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/372, A61B 5/00

(11) WO 03/095024 (13) A2

(21) PCT/US03/12075

(22) 18 Apr/avr 2003 (18.04.2003)

(25) en (26) en

(30) 10/126,638 22 Apr/avr 2002 US (22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEAMLESS COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE SYSTEM

- COMMUNICATION EN CONTINU ENTRE UN DISPOSITIF MEDICAL IMPLANTABLE ET UN SYSTEME A DISTANCE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) **HOUBEN, Richard, P.M.**; Henri Dunanstraat 112, B-3620 Lanaken (BE). **DONDERS, Adrianus, P.**; Ch. Champs Rosset 3, CH-1297 Founex (CH).

(74) **WALDKOETTER, Eric, R.** 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).

Published / Publiée : (i)

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 A61N 1/39

(11) **WO 03/095025** (13) A2

(21) PCT/IB03/01722

(22) **23 Apr/avr 2003 (23.04.2003)**

(25) en (26) en

(30) 10/140,665 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEFIBRILLATOR/MONITOR WITH PATIENT SPECIFIC TREATMENT ALGORITHMS

• DEFIBRILLATEUR/MONITEUR UTILISANT DES ALGORITHMES DE TRAITEMENT SPECIFIQUES A DES PATIENTS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **ROCK, Joseph, E.**; c/p Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LANGGUTH, Alfred**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NAKAGAWA, Michael, F.**; 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).

(51)⁷ A61N 5/00, A61B 17/52

(11) **WO 03/095026** (13) A1

(21) PCT/US03/14960

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/379,877 **13 May/mai 2002 (13.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPINAL DISC THERAPY SYSTEM

• DISPOSITIF THERAPEUTIQUE POUR DISQUE INTERVERTEBRAL

(71, 72) **PFLUEGER, D., Russell** [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US).

(74) **UXA, Frank, J.**; Stout, Uxa, Buyan & Mullins, 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).

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(51)⁷ A61N 5/06, A61B 18/00, 18/20

(11) **WO 03/095027** (13) A1

(21) PCT/GB03/01972

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 0210302.6 **7 May/mai 2002 (07.05.2002)** GB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS IN AND RELATING TO INTENSE PULSED LIGHT DEVICES

• AMELIORATIONS APPORTEES A DES DISPOSITIFS A LUMIERE PULSEE D'INTENSITE ELEVEE

(71) **ENERGIS TECHNOLOGY LIMITED** [GB/GB]; 2 Park Pavillions, Clos Llwyn Cwm, Off Valley Way, Enterprise Park, Swansea SA6 8QY (GB).

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(72, 75) **GEORGE, David, Simon** [GB/GB]; 28 Bethania Road, Clydach, Swansea SA6 5DE (GB). **BRIARIS, Dennis, Alan** [GB/GB]; 14 The Bryn, Sketty, Swansea SA2 8DD (GB).

(74) **NEWELL, William, Joseph et al.** / etc.; Wynne-Jones, Laine and James, 22 Rodney Road, Cheltenham GL50 1JJ (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 A61N 7/00

(11) **WO 03/095028** (13) A1

(21) PCT/US03/15156

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,178 **13 May/mai 2002 (13.05.2002)** US

(30) 60/380,177 **13 May/mai 2002 (13.05.2002)** US

(30) 60/380,176 **13 May/mai 2002 (13.05.2002)** US

(30) 60/380,242 **13 May/mai 2002 (13.05.2002)** US

(30) 60/380,232 **13 May/mai 2002 (13.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ULTRASONIC SOFT TISSUE CUTTING AND COAGULATION SYSTEMS

• SYSTEMES ULTRASONORES DE COUPE ET DE COAGULATION DE TISSUS MOUS

(71) **AXYA MEDICAL, INC.** [US/US]; Suite 444C, 100 Cummings Center, Beverly, MA 01915 (US).

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

(72, 75) **FENTON, Paul** [US/US]; One Flint Street, Marblehead, MA 01945 (US). **HARRINGTON, Francis** [US/US]; 19 Emily Lane, Peabody, MA 01960 (US). **WESTHAVER, Paul** [US/US]; 25 Storey Avenue #255, Newburyport, MA 01950 (US).

(74) **LAPPIN, Mark, G.** et al. / etc.; McDermott, Will & Emery, 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 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 A61P 19/10, A61K 31/663

(11) WO 03/095029 (13) A1

(21) PCT/EP03/04629

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 02010136.6 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • BISPSPHONIC ACID FOR THE
TREATMENT AND PREVENTION OF
OSTEOPOROSIS
• ACIDE BISPSPHONIQUE POUR LE
TRAITEMENT ET LA PREVENTION
DE L'OSTEOPOROSE

(71) F. HOFFMANN-LA ROCHE AG
[CH/CH]; Grenzacherstrasse 124, CH-4070
Basel (CH).

(72) BAUSS, Frieder; Rottstrasse 11, 67141
Neuhofen (DE). PICHLER, Bernhard;
Boettgerstrasse 10a, 68775 Ketsch (DE).
TURLEY, Stephen; Haselrain 17, CH-4103
Bottmingen (CH).

(74) KJELLSAA-BERGER, Hanny; Grenzach-
erstrasse 124, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/08

(11) WO 03/095030 (13) A1

(21) PCT/US02/14347

(22) 7 May/mai 2002 (07.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FLUID DISINFECTION APPARATUS
• APPAREIL DE DÉSINFECTION DE
FLUIDE

(71) ULTRAVATION, INC. [US/US]; 218 Jones
Drive, Brandon, VT 05733 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KURTZ, Mark, E. [US/US]; 1724 S.W.
5th Street, Fort Lauderdale, FL 33312 (US).

RUSSELL, Scott, P. [US/US]; 201 Lincoln
Avenue, Rutland, VT 05701 (US).

(74) DUSYN, Kenneth, F. et al. / etc.; Law Of-
fices of Kenneth F. Dusyn, 330 Main Street,
Third Floor, Hartford, CT 06106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 18/04

(11) WO 03/095031 (13) A1

(21) PCT/GB03/01776

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 0210417.2 8 May/mai 2002 GB
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • RESPIRATOR ASSEMBLY
• ENSEMBLE RESPIRATEUR

(71) QINETIQ LIMITED [GB/GB]; Registered
Office, 85 Buckingham Gate, London SW1E
6PD (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRIDGES, Peter, Clive [GB/GB]; Qine-
tiQ Farnborough, Cody Technology Park,
Ively Road, Farnborough, Hampshire GU14
0LX (GB). HUGGINS, Adrian [GB/GB];
QinetiQ Farnborough, Cody Technology
Park, Ively Road, Farnborough, Hampshire
GU14 0LX (GB). SHORT, Barry [GB/GB];
12 Brookly Gardens, Fleet, Hampshire GU51
3LL (GB).

(74) OBEE, Robert, William; IP QinetiQ For-
malities, Cody Technology Park, A4 Build-
ing, Room G016, Ively Road, Farnborough,
Hampshire GU14 0LX (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 A62C 35/02, 31/02

(11) WO 03/095032 (13) A1

(21) PCT/US03/13331

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 60/378,429 6 May/mai 2002 US
(06.05.2002)

(30) 10/336,100 3 Jan/jan 2003 US
(03.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD AND APPARATUS FOR DIS-
TRIBUTING GRANULAR MATERIAL
• PROCEDE ET APPAREIL DE DISTRI-
BUTION DE MATERIAUX GRANU-
LAIRES

(71) KIDDE-FENWAL [US/US]; 400 Main
Street, Ashland, MA 01721 (US).

(72) KARADIZIAN, Richard, Zaven; 50
Plain Road, Westford, MA 01886 (US).
BOUCHARD, Peter, Paul; 23 Maple Street,
Ayer, MA 01432 (US).

(74) BRUESS, Steven, C.; Merchant & Gould
P.C., P.O. Box 2903, Minneapolis, MN
55402-0903 (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 A63B

(11) WO 03/095033 (13) A2

(21) PCT/US03/15433

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 60/380,777 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PUSH RELEASE LOOP
• BOUCLE DÉTACHABLE PAR POUS-
SÉE

(71) NALU KAI INCORPORATED [—/US];
Suite 387, 810 Haiku Road, Haiku, HI 96708
(US).

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

(72, 75) BARRS, Christopher, Carswell
[US/US]; 190 Pokoa Place, Haiku, HI
96708 (US). MONTAGUE, Donald, Lewis
[US/US]; 350 Kulike Road, Haiku, HI
96708 (US). POUCHKAREV, Alexander
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CA 90291 (US).

(74) HSIA, Martin, E.; P.O. Box 939, Honolulu,
HI 96808-0939 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 A63B 21/00

(11) WO 03/095034 (13) A2

(21) PCT/DE03/01492

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 070.5 10 May/mai 2002 DE (10.05.2002)

(30) 203 00 971.1 21 Jan/jan 2003 DE (21.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELASTIC EXERCISE APPARATUS
• APPAREIL D'EXERCICE ELASTIQUE

(71, 72) POTAK, Sándor [DE/DE]; Odenwaldstrasse 16, 63743 Aschaffenburg (DE).
PETRA, Elke [DE/DE]; Lärchenstrasse 28, 85646 Anzing (DE).

(74) PETRA, Elke et al. / etc.; Kanzlei Petra & Partner, Herzog-Ludwig-Strasse 18, 85570 Markt Schwaben (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 A63B 57/00

(11) WO 03/095035 (13) A1

(21) PCT/AU03/00550

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) PS 2237 10 May/mai 2002 AU (10.05.2002)

(30) PS 2236 10 May/mai 2002 AU (10.05.2002)

(30) 2002950620 7 Aug/août 2002 AU (07.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GOLF TEES AND ACCESSORIES
• TEES DE GOLF ET ACCESSOIRES

(71, 72) PELS, Jacques M., A [AU/PH]; 9th Floor, Sterling Centre, De La Rosa, Cnr. Esteban Streets, Legaspi Village, Makati, Manila (PH).

(74) PIZZEYS PATENT & TRADE MARK ATTORNEYS; Level 14 ANZ Centre, 324 Queen 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 A63B 57/00, A46B 15/00

(11) WO 03/095036 (13) A1

(21) PCT/US03/15158

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/146,261 13 May/mai 2002 US (13.05.2002)

(30) 10/145,669 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GOLF SHOE BRUSH
• BROSSE POUR CHAUSSURE DE GOLF

(71, 72) THOMPSON, Dean, Jeffery [US/US]; 4847 Clybourn Street, North Hollywood, CA 91601 (US).

(74) NIPPER, Stephen, M.; Dykas, Shaver & Nipper, LLP, P.O.Box 877, Boise, ID 83701-0877 (US).

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

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

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(51)⁷ A63B 69/16, H02K 7/18

(11) WO 03/095037 (13) A1

(21) PCT/GB03/02053

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0211034.4 14 May/mai 2002 GB (14.05.2002)

(30) 0305009.3 5 Mar/mar 2003 GB (05.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BICYCLE ACCESSORY
• ACCESSOIRE DE BICYCLETTE

(71, 72) ROSSER, Glyn, David [GB/GB]; 2 Grosvenor Road, Caversham, Reading RG4 5EJ (GB).

(74) PARABOLA; 1 Richfield Place, Richfield Avenue, Reading RG1 8QE (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 A63B 69/36

(11) WO 03/095038 (13) A1

(21) PCT/US03/13914

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/137,798 2 May/mai 2002 US (02.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLUB SWING TRAINING METHOD
• METHODE D'ENTRAINEMENT AU MOUVEMENT DE BALANCE DU CLUB

(71, 72) LATELLA, Frank, A., Jr. [US/US]; 26 Tanners Drive, Wilton, CT 06897 (US).

(74) WALDBAUM, Maxim, H.; Salans, 620 Fifth Avenue, New York, NY 10020 (US).

(81) CA 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).

Published / Publiée : (c)

(51)⁷ A63B 71/14, 57/00, 69/36

(11) WO 03/095039 (13) A1

(21) PCT/KR03/00934

(22) 12 May/mai 2003 (12.05.2003)

(25) ko (26) en

(30) 20-2002-0014566 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GOLF GLOVE HAVING A PROTECTION PORTION
• GANT DE GOLF COMPRENANT UNE PARTIE PROTECTRICE

(71, 72) **CHANG, Young-Whan** [KR/KR]; 301-602 Dongshin Apt. Imaechon, 117 Imae-dong, Bundang-gu, Seongnam-city, Gyeonggi-province 464-060 (KR).

(74) **SHIN, Myung-Gun**; E-land plaza 3F, 268-2, Seohyeon-dong, Bundang-gu, Seongnam-city, Gyeonggi-province 463-824 (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 **A63C 5/04, 5/025**

(11) **WO 03/095040** (13) A1

(21) PCT/CA03/00696

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 2,385,832 **10 May/mai 2002 CA (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SNOW SKATES**

• **PATINS A NEIGE**

(71, 72) **WALKER, Curtis, G.** [CA/CA]; 5505 Cliffridge Place, North Vancouver, British Columbia V7R 4S2 (CA).

(74) **GREEN, Bruce, M.**; c/o Oyen Wiggs Green & Mutala, 480 - 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(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).

(51)⁷ **A63C 11/22, A45B 9/00**

(11) **WO 03/095041** (13) A1

(21) PCT/EP03/03805

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

(25) de (26) de

(30) 202 07 554.0 **8 May/mai 2002 DE (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ADJUSTABLE-LENGTH TUBE, IN PARTICULAR FOR POLES**

• **TUBE REGLABLE EN LONGUEUR, EN PARTICULIER POUR BATONS**

(71, 72) **LENHART, Klaus** [DE/DE]; Mittlerer Weg 23, 73275 Ohmden (DE).

(74) **FUHLENDORF, Jörn**; Dreiss, Fuhleendorf, Steimle & Becker, Postfach 10 37 62, 70032 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 **A63C 17/00, 17/06, 17/04**

(11) **WO 03/095042** (13) A2

(21) PCT/GB03/01978

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 0210452.9 **8 May/mai 2002 GB (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **KITEBOARD**

• **PLANCHE DE SURF CERF-VOLANT**

(71) **GEORGE ANTHONY LIMITED** [GB/GB]; 1 Vesey Road, Sutton Coldfield, West Midlands, B73 5NP (GB).

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(72, 75) **MORRIS, David** [GB/GB]; 11 Norton Close, Birmingham B43 5JY (GB). **DANIELS, Mark** [GB/GB]; 11 Norton Close, Birmingham B43 5JY (GB).

(74) **BARNFATHER, Karl, Jon 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).

(51)⁷ **A63C 17/18, 1/20, A43B 3/24, 5/16**

(11) **WO 03/095043** (13) A1

(21) PCT/CN03/00338

(22) **9 May/mai 2003 (09.05.2003)**

(25) zh (26) zh

(30) 10/142,782 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **A LATCHING DEVICE FOR A DETACHABLE SKATE CHASSIS OF A SNEAKER**

• **DISPOSITIF DE VERROUILLAGE DESTINE A UN CHASSIS DE PATIN AMOVIBLE DE CHAUSSURE DE GYMNASTIQUE**

(71, 72) **CHANG, Chuncheng** [CN/CN]; No. 492-16, Chia-Li Hsing, Chia-Li Town, Tainan Hsien, Taiwan (CN).

(72) **WANG, Chenwen**; No. 34-6, Chia-Fu Li, 4 Lin, Chia-Li Town, Tainan Hsien, Taiwan (CN). **CHIU, Hongyoung**; No. 203, Hsiang-Ho 3rd St., Chien-Nan Li, Chia-Li Town, Tainan Hsien, Taiwan (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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00**

(11) **WO 03/095044** (13) A1

(21) PCT/US03/14267

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/141,615 **8 May/mai 2002 US (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **RACING GAME AND METHOD OF PLAYING THEREOF**

• **JEU DE COURSES ET METHODE DE JEU ASSOCIEE**

(71, 72) **WILSON, Timothy** [US/US]; 2216 Crossings Drive, Lithia Springs, GA 30122 (US).

(74) **MYERS, Joel**; Myers & Kaplan, Intellectual Property Law LLC, 1827 Powers Ferry Road, Building 3, Suite 200, Atlanta, GA 30339 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **A63F 3/02**

(11) **WO 03/095045** (13) A1

(21) PCT/GB03/01399

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(30) 0210717.5	10 May/mai 2002 (10.05.2002)	GB	(51) ⁷ A63F 9/02, F41G 3/26, F41J 5/24, 5/18	MN MW MX MX NI NO NZ OM PH PL PT 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) 0213454.2	12 Jun/juin 2002 (12.06.2002)	GB	(11) WO 03/095047 (13) A1 (21) PCT/JP03/05717 (22) 7 May/mai 2003 (07.05.2003) (25) ja (26) ja (30) 2002/132179 7 May/mai 2002 JP (07.05.2002) (43) 20 Nov/nov 2003 (20.11.2003) (54) • SHOOTING GAME DEVICE • DISPOSITIF DE JEU DE TIR	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) 20 Nov/nov 2003 (20.11.2003)				
(54) • GHOST-GAMES GRID BOARD • FANTOME-PLATEAU DE JEUX A GRILLE				
(71, 72) HARPAZ, Yehouda [GB/GB]; 129 Cor- rie Road, Cambridge, Cambridgeshire CB1 3QQ (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 : (r) for all designations / pour toutes les désignations				
(51) ⁷ A63F 9/02, F41G 3/26, F41J 5/24, 5/18				
(11) WO 03/095046 (13) A1 (21) PCT/JP03/05716 (22) 7 May/mai 2003 (07.05.2003) (25) ja (26) ja (30) 2002/132176 7 May/mai 2002 JP (07.05.2002) (43) 20 Nov/nov 2003 (20.11.2003) (54) • SHOOTING GAME MACHINE • MACHINE POUR JEU DE TIR				
(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) SAITO, Shinya [JP/JP]; c/o KONAMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (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).				
(51) ⁷ A63F 9/24, A63B 69/00				
(11) WO 03/095048 (13) A1 (21) PCT/JP03/05791 (22) 8 May/mai 2003 (08.05.2003) (25) ja (26) ja (30) 2002-133399 8 May/mai 2002 JP (08.05.2002) (43) 20 Nov/nov 2003 (20.11.2003) (54) • GAME DEVICE • DISPOSITIF DE JEU				
(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) SAITO, Shinya [JP/JP]; c/o KON- AMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP). FUKAMI, Seiichi [JP/JP]; c/o KONAMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (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).				
(51) ⁷ A63F 13/00, 13/10, G07F 17/34				
(11) WO 03/095049 (13) A1 (21) PCT/AU03/00547 (22) 9 May/mai 2003 (09.05.2003) (25) en (26) en (30) PS 2180 9 May/mai 2002 AU (09.05.2002) (43) 20 Nov/nov 2003 (20.11.2003) (54) • ELECTRONIC FEATURE GAME WITH VARIABLE NUMBER OF REELS AND ROWS • JEU A CARACTERISTIQUE ELECTRO- NIQUE COMPRENANT UN NOMBRE VARIABLE DE ROULEAUX ET DE RANGÉES				
(71) NEXT GENERATION ENTERTAIN- MENT (AUST) PTY LTD [AU/AU]; Level 15, 3 Spring Street, Sydney, NSW 2000 (AU). (for all designated States except / pour tous les États désignés sauf US)				
(72, 75) CASTELLARI, Mario [AU/AU]; 48 Currawong Crescent, Leonay, NSW 2750 (AU).				
(74) WALSH, John, Richard; Walsh & Asso- ciates, Patent and Trade Mark Attorneys, Locked Bag 2011 Glebe Post Office, Glebe, NSW 2037 (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				
(11) WO 03/095050 (13) A2 (21) PCT/US03/15195 (22) 13 May/mai 2003 (13.05.2003) (25) en (26) en (30) 60/380,552 13 May/mai 2002 US (13.05.2002) (43) 20 Nov/nov 2003 (20.11.2003) (54) • METHOD AND SYSTEM FOR INTER- ACTING WITH SIMULATED PHE- NOMENA • PROCEDE ET SYSTEME PERMET- TANT D'INTERAGIR AVEC DES PHE- NOMENES SIMULES				

(71) **CONSOLIDATED GLOBAL FUN UNLIMITED, LLC** [US/US]; 17610 Northeast 31st Place, Redmond, WA 98052 (US).
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(72, 75) **ROBARTS, James, O.** [US/US]; 17610 Northeast 31st Place, Redmond, WA 98052 (US). **ALVAREZ, Cesar, A.** [US/US]; 11211 Northeast 100th Street, Kirkland, WA 98033 (US).

(74) **BIERMAN, Ellen, M. 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 **A63F 13/12, G06F 17/60**

(11) **WO 03/095051** (13) A1

(21) PCT/JP02/04573

(22) **10 May/mai 2002 (10.05.2002)**

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PRIZE ACQUIRING GAME SYSTEM USING COMMUNICATION NETWORK, HOST COMPUTER FOR PRIZE ACQUIRING GAME, AND PLAYER TERMINAL**
• **SYSTEME DE JEU A DISTRIBUTION DE PRIX UTILISANT UN RESEAU DE COMMUNICATION, ORDINATEUR HOTE POUR CE JEU, ET TERMINAL DE JOUEUR**

(71) **BANPRESTO CO., LTD.** [JP/JP]; 10-8, Nihonbashi-Odenma-Cho, Chuo-ku, Tokyo 103-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMODA, Kazuyoshi** [JP/JP]; c/o BANPRESTO CO., LTD., 1230-1, Matsudo, Matsudo-shi, Chiba 271-0092 (JP).

(74) **ISSHIKI, Kensuke et al. / etc.**; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-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 JP KE KG KP KR KZ LC LK 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 **A63G 31/00, B64B 1/40**

(11) **WO 03/095052** (13) A1

(21) PCT/US03/14045

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/377,976 **7 May/mai 2002 (07.05.2002)** US

(30) 60/448,141 **20 Feb/fév 2003 (20.02.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SYSTEM AND APPARATUS FOR PROPELLING AND CARRYING A USER WITHIN A CONFINED INTERIOR**
• **SYSTEME ET APPAREIL DE PROPULSION ET DE TRANSPORT D'UN UTILISATEUR DANS UN ESPACE INTERIEUR CONFINE**

(71, 72) **MEADOWS, Joseph, Stephen** [US/US]; 1760 Courtney Avenue, Los Angeles, CA 90046 (US).

(74) **LINK, Jonathan, D. et al. / etc.**; Intellectual Property Department, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/06**

(11) **WO 03/095053** (13) A1

(21) PCT/JP03/05718

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-132185 **7 May/mai 2002 (07.05.2002)** JP

(30) 2002-267442 **12 Sep/sep 2002 (12.09.2002)** JP

(30) 2003-161374 **30 Apr/avr 2003 (30.04.2003)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **COMBAT FIGURE TOY**
• **FIGURINE DE COMBAT JOUET**

(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) **SAITO, Shinya** [JP/JP]; c/o KONAMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 30/04, 17/39, A63F 9/14**

(11) **WO 03/095054** (13) A1

(21) PCT/JP03/05788

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-133396 **8 May/mai 2002 (08.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **GAME FACILITY FOR REMOTE OPERATION SYSTEM**
• **INSTALLATION DE JEU POUR SYSTEME D'EXPLOITATION DISTANT**

(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**; c/o TOKYO CENTRAL PATENT FIRM, 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuoh-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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 33/08, 33/06, F16B 5/07, 5/06, 5/00**

(11) **WO 03/095055** (13) A2

(21) PCT/EP03/04557

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) 10/139,874 **7 May/mai 2002 (07.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **INTERLOCKABLE ELEMENT FOR STRUCTURE ASSEMBLY SET**

- ELEMENT A VERROUILLAGE RECIPROQUE POUR ENSEMBLE STRUCTURAL

(71, 72) SORENSEN, Jens, Ole [DK/—]; P.O. Box 221 North Side, Grand Cayman (KY).

(72) BROWN, Paul, Philip; 11904 Cypress Canyon Road #3, San Diego, CA 92131 (US).

(74) WILSON, Nicholas, Martin; Withers & Rogers, Goldings House, 2, Hays Lane, London SE1 2HW (GB).

(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 KG KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A63H 33/12

(11) WO 03/095056 (13) A1

(21) PCT/KR03/00925

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 20-2002-0014131 8 May/mai 2002 KR (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-TRANSFORMABLE BUILDING TOY

- JOUET DE CONSTRUCTION A TRANSFORMATION MULTIPLE

(71) BUGTOY CO., LTD [KR/KR]; 791-151, Janghak-ri, Dong-Myeon, Chuncheon, Gangwon 200-853 (KR).

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

(72, 75) LEE, Hae Gon [KR/KR]; 791-151, Janghak-ri, Dong-Myeon, Chuncheon, Gangwon 200-853 (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 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 A63H 33/34

(11) WO 03/095057 (13) A1

(21) PCT/US03/14405

(22) 7 May/mai 2003 (07.05.2003)

(25) en

(30) 60/378,314 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CUSTOMIZABLE DOLL WITH INTERCHANGEABLE FACES HAVING LIKENESS OF A PERSON

- POUPÉE PERSONNALISABLE A FACES INTERCHANGEABLES RESSEMBLANT A UNE PERSONNE

(71, 72) BECKER, Rose, Marie [US/US]; 364 CR 630, Oak Grove, AR 72660 (US). MORRIS, Regina, Marie [US/US]; 62 CR 630, Oak Grove, AR 72660 (US). BECKER, Frederick, Walter, Jr. [US/US]; 364 CR 630, Oak Grove, AR 72660 (US). BECKER, Edmund, Joseph, Powers [US/US]; 364 CR 630, Oak Grove, AR 72660 (US). BECKER, Frederick, Walter, III [US/US]; 122 CR 630, Oak Grove, AR 72660 (US).

(74) ONOFRIO, Dara, L.; Onofrio Law, 1133 Broadway, Suite 1600, New York, NY 10010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 B01D

(11) WO 03/095058 (13) A2

(21) PCT/US03/14034

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED MULTI-PART PROCESSING

- TRAITEMENT ASSISTÉ PAR PLASMA DE MULTIPLES ELEMENTS

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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

(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/00

(11) WO 03/095059 (13) A1

(21) PCT/US03/12314

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 60/379,351 10 May/mai 2002 US (10.05.2002)

(30) 60/439,057 9 Jan/jan 2003 US (09.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CRYSTALLIZATION SYSTEM USING HOMOGENIZATION

- SYSTEME DE CRISTALLISATION UTILISANT UNE HOMOGENEISATION

(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) WEI, Chenkou [US/US]; 44 Windsor Drive, Princeton Junction, NJ 08550 (US). AKITI, Otute [GH/US]; 610 Aspen Drive, Plainsboro, NJ 08536 (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).

(51)⁷ B01D 19/02, B01J 19/24, F28F 19/06

(11) WO 03/095060 (13) A1

(21) PCT/EP03/04949

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) MI02A001009 13 May/mai 2002 IT (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TUBE BUNDLE APPARATUS FOR PROCESSING CORROSIVE FLUIDS

- APPAREIL A FAISCEAU DE TUBES DESTINE A TRAITER DES FLUIDES CORROSIFS

(71) **SNAMPROGETTI S.P.A.** [IT/IT]; Viale De Gasperi, 16, I-20097 San Donato Milanese-Milan (IT).

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

(72, 75) **GANDOLFI, Giorgio** [IT/IT]; Via Ciro Menotti, 15, I- 20060 Mediglia-Milan (IT). **MERELLI, Giuseppe** [IT/IT]; Via San Rocco, 31, I-24029 Vertova-Bergamo (IT). **SCOTTO, Andrea** [IT/IT]; Via C. Colombo -Residenza Cedri, 121, I- 20080 Basiglio-Milan (IT). **TESTA, Gian, Pietro** [IT/IT]; Via Mistri, 18, I- 24029 Vertova-Bergamo (IT).

(74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzano' & Zanardo Milano S.p.A, Via Borgonuovo, 10, I- 20121 Milan, IT (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 **B01D 21/06, 21/24**

(11) **WO 03/095061** (13) A1

(21) PCT/FI03/00295

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) fi (26) en

(30) 20020886 **10 May/mai 2002 FI (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS FOR THE REMOVAL OF SURFACE SCUM IN A CIRCULAR PROCESSING SPACE

- APPAREIL POUR L'ELIMINATION DE L'ECUME SUPERFICIELLE DANS UN ESPACE DE TRAITEMENT CIRCULAIRE

(71) **FINNKETJU INVEST OY** [FI/FI]; Rekitie 1, FIN-26510 Rauma (FI).

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

(72, 75) **TUOMIKOSKI, Pekka** [FI/FI]; Puuluntie, FIN-26410 Kaaro (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 **B01D 21/24, 21/34**

(11) **WO 03/095062** (13) A1

(21) PCT/AU03/00506

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(30) PS 2177 **7 May/mai 2002 AU (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DILUTION APPARATUS FOR A THICKENER

- APPAREIL DE DILUTION POUR EPAISSISSANT

(71) **OUTOKUMPU, Oyj** [FI/FI]; Riihitontuntie 7 D, FIN-02200 Espoo (FI).

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

(72, 75) **TAYLOR, David, John, Buchanan** [AU/AU]; 22 Henry Street, Gordon, New South Wales 2072 (AU). **BELKE, Jeffrey, Victor** [AU/AU]; 92B Kintail Road, Applecross, Western Australia 6153 (AU).

(74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B01D 25/21**

(11) **WO 03/095063** (13) A1

(21) PCT/EP03/04635

(22) **2 May/mai 2003 (02.05.2003)**

(25) de (26) de

(30) 102 21 061.6 **10 May/mai 2002 DE (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEMBRANE, MEMBRANE PLATE, AND CHAMBER PLATE FOR A FILTER PRESS

- MEMBRANE, PLAQUE A MEMBRANE ET PLAQUE A CHAMBRES DESTINEES A UN FILTRE-PRESSE

(71) **JV KUNSTSTOFFWERK GMBH** [DE/DE]; Obere Lerch 2, 91166 Georgensmünd (DE).

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

(72, 75) **HERMANN, Manfred** [DE/DE]; Wilhelm-Raabe-Str. 15, 90491 Nürnberg (DE). **KNYE, Ulrich** [DE/DE]; Obere Lerch 2, 91166 Georgensmünd (DE). **SALBAUM, Bernhard** [DE/DE]; Baumleite 7, 91187 Mühlstetten (DE).

(74) **TERGAU & POHL**; Mögeldorfer Hauptstrasse 51, 90482 Nürnberg (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 **B01D 25/26**

(11) **WO 03/095064** (13) A1

(21) PCT/DE03/00437

(22) **13 Feb/fév 2003 (13.02.2003)**

(25) de (26) de

(30) 102 20 644.9 **8 May/mai 2002 DE (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FILTER DEVICE WITH A SEGMENTED DESIGN

- ENSEMBLE FILTRE A STRUCTURE SEGMENTEE

(71, 72) **KEMMELMEYER, Werner** [DE/DE]; Veilchenstr. 5, 83101 Thansau (DE).

(74) **NEIDL-STIPLER, Cornelia**; Rauchstr. 2, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 27/10, B65D 41/04**

(11) **WO 03/095065** (13) A1

(21) PCT/EP03/04993

(22) **13 May/mai 2003 (13.05.2003)**

(25) de (26) de

(30) 202 07 474.9 **13 May/mai 2002 DE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLOSURE CAP, ESPECIALLY FOR CLOSING THE CONNECTION OF AN OIL FILTER

- CAPUCHON DE FERMETURE, NOTAMMENT POUR FERMER UN RACCORD DE FILTRE A HUILE

(71) **DAGN, Josef** [AT/AT]; Schwendter Str. 10, A-6345 Kössen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(74) **KLINGSEISEN, F. et al.** / etc.; Bräuhäusstr. 4, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/14**

(11) **WO 03/095066** (13) A1

(21) PCT/US03/14068

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 10/140,123 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **WATER FILTER ASSEMBLY**

• **ENSEMBLE FORMANT FILTRE D'EAU**

(71) **ACCESS BUSINESS GROUP INTERNATIONAL LLC** [US/US]; 7575 Fulton Street East, Ada, MI 49355 (US).

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

(72, 75) **VANDERKOOI, Karen, J.** [US/US]; 2479 Appleton, N.E., Grand Rapids, MI 49525 (US). **KUENNEN, Roy, W.** [US/US]; 7086 Summit Hill Court, Caledonia, MI 49316 (US). **MORK, Steve, O.** [US/US]; 11755 Two Mile Road, Lowell, MI 49331 (US).

(74) **FILIGENZI, Marc**; Alticor Inc., 7575 Fulton Street East, 78-2G, Ada, MI 49355 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 39/16, B31F 1/20, D06M 15/37, D04H 1/42, 13/00**

(11) **WO 03/095067** (13) A1

(21) PCT/US02/36793

(22) **15 Nov/nov 2002 (15.11.2002)**

(25) en (26) en

(30) 10/123,641 **16 Apr/avr 2002 (16.04.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **FILTER MEDIUM**

• **MATERIAU FILTRANT**

(71) **BHA GROUP HOLDINGS, INC.** [US/US]; 8800 East 63rd Street, Kansas City, MO 64133-4883 (US).

(72) **SMITHIES, Alan**; 13028 Flint Street, Overland Park, KS 66213 (US).

(74) **ELLIOTT, Kyle**; Blackwell Sanders Peper Martin LLP, 9401 Indian Creek Parkway, Suite 1200, Overland Park, KS 66210 (US).

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

(51)⁷ **B01D 46/52**

(11) **WO 03/095068** (13) A1

(21) PCT/US03/14350

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/379,824 **9 May/mai 2002 (09.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AIR FILTER HAVING FLUTED FILTER MEDIA**

• **FILTRE A AIR DOTE D'UN MATERIAU FILTRANT CANNELE**

(71) **DONALDSON COMPANY, INC.** [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).

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(72, 75) **NEPSUND, Larry, R.** [US/US]; 4957 Credit River Drive, Savage, MN 55378 (US). **KUEMPEL, Bradley, A.** [US/US]; 18232 Warbler Lane, Eden Prairie, MN 55346 (US). **ENGEL, Donald, F.** [US/US]; 6480 Glasgow Trail S.E., Prior Lake, MN 55372 (US). **BOEHRS, Bruce, Allen** [US/US]; 1200 27th Avenue N.E., Minneapolis, MN 55418 (US). **ANDERSON, Sheldon** [US/US]; 10232 10th Avenue Circle, Bloomington, MN 55420 (US). **BUCHOLTZ, Richard, L.** [US/US]; 781 143rd Avenue N.W., Andover, MN 55304 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 50/00, 45/08**

(11) **WO 03/095069** (13) A1

(21) PCT/NL03/00343

(22) **9 May/mai 2003 (09.05.2003)**

(25) nl (26) en

(30) 1020576 **10 May/mai 2002 (10.05.2002)** NL

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DEVICE AND METHOD FOR SEPARATING MIXTURES**

• **DISPOSITIF ET PROCÉDE PERMETTANT DE SEPARER DES MELANGES**

(71) **SPARK TECHNOLOGIES AND INNOVATIONS N.V.** [NL/NL]; Kaya W.F.G. (Jombi), Mensing 36, Willenstad, Curaçao (AN).

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

(72, 75) **LARNHOLM, Per-Reidar** [NO/NO]; Refsnesstranda 1, N-15187 Moss (NO). **SCHOOK, Robert** [NL/NL]; Vlielandlaan 39, NL-6922 EC Duiven (NL).

(74) **HYLARIDES, Paul, Jacques**; 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 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 **B01D 53/04, F24F 3/16, B60H 3/06**

(11) **WO 03/095070** (13) A1

(21) PCT/GB03/02023

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 0210975.9 **14 May/mai 2002 (14.05.2002)** GB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AIR TREATMENT SYSTEM**

• **SYSTEME DE TRAITEMENT D'AIR**

(71) **DOMNICK HUNTER LIMITED** [GB/GB]; Durham Road, Birtley, Co Durham DH3 2SF (GB).

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

(72, 75) **FIELDING, Robert, Michael** [GB/GB]; 15 Bath Terrace, Blyth, Northumberland NE24 3AX (GB).

(74) **BELCHER, Simon, James;** 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).

Published / Publiée : (c)

(51)⁷ B01D 53/14, 53/62, 53/52

(11) WO 03/095071 (13) A1

(21) PCT/NL03/00337

(22) 7 May/mai 2003 (07.05.2003)

(25) nl (26) en

(30) 1020560 8 May/mai 2002 NL (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ABSORPTION OF ACID GASES
• PROCEDE D'ABSORPTION DE GAZ ACIDES

(71) **NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAP-PELIJK 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) **VERSTEEG, Geert, Frederik** [NL/NL]; Singravenlaan 9, NL-7531 JB Enschede (NL). **KUMAR, Paramasivam, Senthil** [IN/NL]; Calslaan 1-208, NL-7522 MH Enschede (NL). **HOGENDOORN, Johannes, Antonius** [NL/NL]; Jekerstraat 214, NL-7523 VV Enschede (NL). **FERON, Paul, Hubert, Maria** [NL/NL]; De Brug 26, NL-7325 NE Apeldoorn (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 B01D 53/32, B01J 19/08, F23G 5/08, 7/06

(11) WO 03/095072 (13) A1

(21) PCT/CA03/00670

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,357 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **HAZARDOUS WASTE TREATMENT METHOD AND APPARATUS**
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE DECHETS TOXIQUES

(71) **LAU, Edmund, Kin, On** [CN/CN]; Room 2101-4, 21/F, China Merchants Building, 152-155 Connaught Road Central, Hong Kong (CN).

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

(71, 72) **CHAN, Benjamin, Chun, Pong** [CA/CA]; 62 Picola Court, Willowdale, Ontario M2H 2N3 (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).

Published / Publiée : (c)

(51)⁷ B01D 53/56, 53/60

(11) WO 03/095073 (13) A1

(21) PCT/US02/12089

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ZERO NO_x GASEOUS PASSIVATION PROCESS**
• PROCEDE DE PASSIVATION GAZEUSE A ZERO NO<SB>X</SB>

(71) **UNIQUEPATENTS.COM, LLC.** [US/US]; P.O. Box 382, Imperial, CA 92241 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDERS, Robert, L.** [US/US]; 2131 South 10th Street, El Centro, CA 92243 (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 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 B01D 53/88, B01J 19/12, B01D 53/86

(11) WO 03/095074 (13) A1

(21) PCT/IB02/02886

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AIR PURIFYING COMPOSITION**
• COMPOSITION D'EPURATION D'AIR

(71, 72) **LUSH, Donald, LAWRENCE** [CA/CA]; 18201 Centerville Creek Road, Claedon East, Ontario Canada LON 1E) (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 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 B01D 53/92, F01N 3/04

(11) WO 03/095075 (13) A1

(21) PCT/BA02/00002

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) BAP021076A 8 May/mai 2002 BA (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **"FILAD" - PREVENTING EXHAUST FUMES EMISSION IN THE AIR**
• DISPOSITIF DESTINE A EMPECHER L'EMISSION DE FUMEEES D'ECHAPPEMENT DANS L'ATMOSPHERE

(71, 72) **KARADŽIĆ, Ejub** [BA/BA]; Husrefa Redžića 6, 71000 Sarajevo (BA).

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

Published / Publiée : (a)

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ B01D 61/00, 63/00

(11) WO 03/095076 (13) A1

(21) PCT/US02/35572

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/140,445 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR
FLUID TREATMENT BY REVERSE
OSMOSIS UNDER ACIDIC CONDI-
TIONS• PROCEDE ET APPAREIL POUR LE
TRAITEMENT DE FLUIDES PAR OS-
MOSE INVERSE SOUS DES CONDI-
TIONS ACIDES(71, 72) MUKHOPADHYAY, Debasish
[US/US]; 4211 - Pomona Avenue, Palo
Alto, CA 94306 (US).(74) GOODLOE, Reams, R., Jr.; Suite 3, 10725
SE 256th Street, Kent, WA 98030-8285 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 B01D 65/02, 65/08, 63/04, C02F 3/12,
3/06, 1/44

(11) WO 03/095077 (13) A1

(21) PCT/EP03/04224

(22) 23 Apr/avr 2003 (23.04.2003)

(25) de (26) de

(30) 102 20 916.2 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOLLOW-FIBRE MEMBRANE
FILTRATION DEVICE AND USE
THEREOF FOR PURIFYING WASTE
WATER, IN ADDITION TO MEM-
BRANE BIOREACTOR• DISPOSITIF DE FILTRATION A MEM-
BRANES SOUS FORME DE FIBRES
CREUSES ET SON UTILISATION
POUR LA PURIFICATION D'EAUX
USEES, AINSI QUE BIOREACTEUR A
MEMBRANES(71) SFC UMWELTTECHNIK GMBH
[AT/AT]; Julius-Welser-Str. 15, A-5020
Salzburg (AT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DEMOULIN, Gunnar [AT/AT]; Über-
fuhrstr. 12, A-5026 Salzburg (AT).(74) TOMERIUS, Isabel et al. / etc.; Lang &
Tomerius, Bavariaring 29, 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 GMHR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 B01D 65/06, 65/02, C12H 1/06, B01D
41/04

(11) WO 03/095078 (13) A1

(21) PCT/NL03/00461

(22) 23 Jun/juin 2003 (23.06.2003)

(25) en (26) en

(30) 02077580.5 28 Jun/juin 2002 EP
(28.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR CLEANING FILTERS

• PROCEDE DE NETTOYAGE DE
FILTRES(71) NEDERLANDSE ORGANISATIE VOOR
[NL/NL]; Toegestapeld-Natuurwetenschap-
elijk Onderzoek TNO, Schoemakerstraat
97, NL-2628 VK Delft (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JETTEN, Jan, Matthijs [NL/NL];
Costerlaan 36, NL-3701 JL Zeist (NL).
SLAGHEK, Theodoor, Maximiliaan
[NL/NL]; Schansweg 35, NL-3042 HT
Rotterdam (NL).(74) VAN WESTENBRUGGE, Andries
et al.; 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 PG PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (f)

(51)⁷ B01D 69/10, 61/00

(11) WO 03/095079 (13) A2

(21) PCT/EP03/04959

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 342.9 14 May/mai 2002 DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FILTER MEMBRANE

• MEMBRANE FILTRANTE

(71, 72) WENDLANDT, Erhard [DE/DE];
Damitzer Weg 1, 18445 Prohn (DE).(74) JÖNSSON, Hans-Peter et al. / etc.; Von
Kreisler Seltling Werner, 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
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 3/00

(11) WO 03/095080 (13) A2

(21) PCT/US03/14740

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,918 10 May/mai 2002 US
(10.05.2002)(30) 60/400,592 1 Aug/août 2002 US
(01.08.2002)(30) 60/403,607 14 Aug/août 2002 US
(14.08.2002)(30) 60/406,087 26 Aug/août 2002 US
(26.08.2002)(30) 10/434,430 8 May/mai 2003 US
(08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR CRE-
ATING A READY-TO-USE PRODUCT
FROM A CONCENTRATED FORM• APPAREIL ET PROCEDE PERMET-
TANT DE CREER UN PRODUIT PRET
A L'EMPLOI A PARTIR D'UNE FORME
CONCENTREE(71) ECOLAB INC. [US/US]; Ecolab Center, St.
Paul, MN 55102 (US).(72) SCHUMAN, Allan, L.; 9349 Olympia
Drive, Eden Prairie, MN 55347 (US). OUT-
LAW, Tina, O.; 3849 E. 78th Street, Inver
Grove Heights, MN 55076 (US). OLSON,
Keith, E.; 13966 Edenwood Court, Apple
Valley, MN 55124 (US). SKAVNAK, James,
E.; 4815 Xerxes Avenue South, Minneapolis,
MN 55410 (US).(74) SORESENSEN, 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 B01F 3/04

(11) WO 03/095081 (13) A1

(21) PCT/EP03/04730

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 202 07 376.9 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STIRRING AND AERATING DEVICE FOR ACTIVATED SLUDGES

• DISPOSITIF D'AGITATION ET D'AERATION POUR BOUES ACTIVEES

(71) INVENT UMWELT- UND VERFAHRENSTECHNIK GMBH & CO. KG [DE/DE]; Am Weichselgarten 36, 91058 Erlangen (DE).

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

(72, 75) HÖFKEN, Marcus [DE/DE]; Rathsb-berger Str. 41c, 91054 Erlangen (DE).

(74) GASSNER, Wolfgang; Nägelsbachstr. 49 A, 91052 Erlangen (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 B01F 3/04

(11) WO 03/095082 (13) A1

(21) PCT/RU03/00209

(22) 6 May/mai 2003 (06.05.2003)

(25) ru (26) ru

(30) 2002111881 8 May/mai 2002 RU (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING FOAM AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE D'OBTENTION DE MOUSSE ET DISPOSITIF ASSOCIE

(71, 72) DROBYSHEV, Vyacheslav Ivanovich [RU/RU]; ul. Malaya Filevskaya, 66-72, Moscow, 121433 (RU). KADUSHIN, Pavel Nikolaevich [RU/RU]; Sretensky b-r, 6/1-34, Moscow, 101000 (RU).

(74) DROBYSHEV, Vyacheslav Ivanovich; ul. Malaya Filevskaya, 66-72, Moscow, 121433 (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 B01F 17/52, C09D 151/06, 7/12, 11/00

(11) WO 03/095083 (13) A1

(21) PCT/JP03/05688

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-136087 10 May/mai 2002 JP (10.05.2002)

(30) 2002-190834 28 Jun/juin 2002 JP (28.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SURFACTANT AND DISPERSION AID EACH COMPRISING GRAFT FLUOROPOLYMER

• TENSIOACTIF ET AGENT DE DISPERSION COMPRENANT CHACUN UN FLUOROPOLYMERE RETICULE

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chom 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) HANAZAWA, Makoto [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). ITAMI, Yasuo [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095084 (13) A2

(21) PCT/GB03/02067

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210987.4 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYDROGENATION

• HYDROGENATION

(71) ADVANCED PHYTONICS LIMITED [GB/GB]; Olway Works, Healey Road, Ossett WF5 8LT (GB).

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(72, 75) ABBOTT, Andrew [GB/GB]; 16 Shirley Avenue, Leicester LE1 7RH (GB). EL-TRINGHAM, Wayne [GB/GB]; 12 Lyne Road, Middlestone Moor, Spennymoor, Co. Durham DL16 7AG (GB). NICOLA, Mazin [GB/GB]; 6 St Michael's Road, Worthing, West Sussex BN11 4SD (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 B01J 13/00, C01B 25/32

(11) WO 03/095085 (13) A1

(21) PCT/FR03/01434

(22) 12 May/mai 2003 (12.05.2003)

(25) fr (26) fr

(30) 02/05905 14 May/mai 2002 FR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLLOIDAL DISPERSION OF CALCIUM PHOSPHATE NANOPARTICLES AND AT LEAST ONE PROTEIN, AND CORRESPONDING REDISPERSIBLE AND CALCINED NANOPARTICLES, PREPARATION METHOD AND USES

• DISPERSION COLLOÏDALE DE NANOPARTICULES DE PHOSPHATE DE CALCIUM ET D'AU MOINS UNE PROTEINE, AINSI QUE LES NANOPARTICULES REDISPERSABLES ET LES PARTICULES CALCINEES CORRESPONDANTES, PROCEDE DE PREPARATION ET UTILISATIONS

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

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(72, 75) CHANE-CHING, Jean-Yves [FR/FR]; 15, rue Suzanne, F-95600 Eaubonne (FR).

(74) DUBRUC, Philippe; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-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 B01J 19/00

(11) WO 03/095086 (13) A2

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(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210809.0 11 May/mai 2002 GB
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUID REACTOR

• REACTEUR A FLUIDES

(71) THE UNIVERSITY OF DURHAM
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(74) GODDARD, David, John et al. / etc.; Har-
rison 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 B01J 19/00, G01N 1/20

(11) WO 03/095087 (13) A1

(21) PCT/NL02/00721

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) PCT/EP02/05322 13 May/mai 2002 EP
(13.05.2002)

(30) PCT/NL02/00493 22 Jul/juil 2002 NL
(22.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SAMPLING APPARATUS

• DISPOSITIF D'ECHANTILLONNAGE

(71) AVANTIUM INTERNATIONAL B.V.
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les États désignés sauf US)

(72, 75) BRINK, Peter, John [NL/NL]; 22
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(74) BROOKHUIS, H., J., A.; Exter Polak &
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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 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 B01J 19/06, C12N 1/00, C07H 21/00, 1/06

(11) WO 03/095088 (13) A1

(21) PCT/JP03/00231

(22) 14 Jan/jan 2003 (14.01.2003)

(25) ja (26) ja

(30) 2002/131656 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR
COLLECTING MICROMATERIAL

• PROCEDE ET APPAREIL POUR LE
PRELEVEMENT D'UN MICROMATE-
RIAU

(71) JAPAN SCIENCE AND TECHNOLOGY
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(72, 75) ARAI, Fumihito [JP/JP]; 501, 6-5-1,
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(JP). FUKUDA, Toshio [JP/JP]; 122, Mei-
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gashi-ku, Nagoya-shi, Aichi 461-0042 (JP).
ICHIKAWA, Akihiko [JP/JP]; 5 go-shitu,
Meikisou, 6-7, Kawaharatoori, Syouwa-ku,
Nagoya-shi, Aichi 466-0853 (JP). KAT-
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(74) SHIMODA, Akira et al. / etc.; 4kai, Ky-
obashi-Nichiei Biru, 3-4, Kyobashi 3-chome,
Chuo-ku, Tokyo 104-0031 (JP).

(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 SE SI
SK TR).

(51)⁷ B01J 19/08

(11) WO 03/095089 (13) A1

(21) PCT/US03/14040

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED FORMATION OF
CARBON STRUCTURES

• REALISATION AU PLASMA DE
STRUCTURES AU CARBONE

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).

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(72, 75) KUMAR, Satyendra [IN/US]; 3740
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MAR, Devendra [US/US]; 850 Rambling
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(74) GARRETT, Arthur, S.; Finnegan, Hender-
son, Farrabow, 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).

(51)⁷ B01J 19/08

(11) WO 03/095090 (13) A1

(21) PCT/US03/14052

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED CARBURIZING

• CEMENTATION ASSISTEE PAR
PLASMA

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).

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

(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). DOUGHERTY, Michael, L., Sr. [US/US]; 2255 Greenbriar Drive, Rochester Hills, MI 48306 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 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).

(51)⁷ B01J 35/04, B01D 53/86, F01N 3/28

(11) WO 03/095091 (13) A1

(21) PCT/JP03/05896

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-137612 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METAL CARRIER FOR EXHAUST EMISSION CONTROL
• SUPPORT METALLIQUE POUR LA REDUCTION DES EMISSIONS DE GAZ POLLUANTS

(71) NIPPON YAKIN KOGYO CO., LTD. [JP/JP]; 5-8, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8365 (JP).

(72) KURODA, Yasuhide; c/o Products Development Center, of Nippon Yakin Kogyo Co., Ltd., 4-2, Kojima-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8558 (JP). AOKI, Yukio; c/o Products Development Center, of Nippon Yakin Kogyo Co., Ltd., 4-2, Kojima-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8558 (JP).

(74) TANAKA, Hiroshi et al. / etc.; Hougaku Bldg. 7F, 19-14, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN 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 B01L 3/00, G01N 33/543

(11) WO 03/095092 (13) A1

(21) PCT/EP03/04600

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 296.6 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SAMPLING DEVICE FOR LIQUID SAMPLES

• DISPOSITIF DE PRELEVEMENT D'ECHANTILLONS LIQUIDES

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

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(72, 75) GERSTLE, Volker [DE/DE]; Zedernstrasse 21, 64653 Lorsch (DE). UNKRIG, Volker [DE/DE]; Stahlbuehring 27, 68526 Ladenburg (DE). AUGSTEIN, Manfred [DE/DE]; Ziethenstrasse 18, 68259 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 DK EE ES FI FR GB GR HU IE IT LU MC 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 B02C 13/16

(11) WO 03/095093 (13) A1

(21) PCT/US03/14855

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/144,388 11 May/mai 2002 US (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PUMP AND GRINDER ASSEMBLY FOR USE WITH A STEAM PRODUCING DEVICE

• ENSEMBLE DE POMPAGE ET DE BROyage UTILISE AVEC UN DISPOSITIF DE PRODUCTION DE VAPEUR

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(71, 72) MOORE, Roger, R., Jr. [US/US]; 1032 Wakefield Place, Brandon, MS 39047 (US).

(74) FENTRESS, Susan, B.; 6075 Poplar Avenue, Suite 500, Memphis, TN 38119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 B02C 18/00, 18/02, 18/22, 23/10, B26F 1/14, B02C 23/30

(11) WO 03/095094 (13) A1

(21) PCT/GB03/01997

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210599.7 9 May/mai 2002 GB (09.05.2002)

(30) 0214954.0 28 Jun/juin 2002 GB (28.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SHREDDING MACHINES
• DECHIQUETEUSES

(71) ACCO UK LIMITED [GB/GB]; Gatehouse Road, Aylesbury, Buckinghamshire HP19 3DT (GB).

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(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).

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(51)⁷ B03C 3/16

(11) WO 03/095095 (13) A1

(21) PCT/US03/14597

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,969 9 May/mai 2002 US (09.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MEMBRANE LAMINAR WET ELECTROSTATIC PRECIPITATOR
- ELECTROFILTRE HUMIDE A MEMBRANES ET A ECOULEMENT LAMINAIRE
- (71) OHIO UNIVERSITY [US/US]; 101 Research & Technology Center, Athens, OH 45701 (US).
- (72) PASIC, Hajrudin; 47 Charles Street, Athens, OH 45701 (US). ALAM, M., Khairul; 11 Windsong Drive, Athens, OH 45701 (US). BAYLESS, David, J.; 9 Applegate Drive, Athens, OH 45701 (US).
- (74) FOSTER, Jason, H. et al. / etc.; Kremlas, Foster, Phillips & Pollick, 7632 Slate Ridge Blvd., Reynoldsburg, OH 43068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 B04B 1/14

- (11) WO 03/095096 (13) A1
- (21) PCT/EP03/04291
- (22) 25 Apr/avr 2003 (25.04.2003)
- (25) de (26) de
- (30) 102 20 757.7 8 May/mai 2002 DE (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CENTRIFUGE, ESPECIALLY A SEPARATOR
- CENTRIFUGEUSE, NOTAMMENT SEPARATEUR

- (71) WESTFALIA SEPARATOR AG [DE/DE]; Werner-Habig-Strasse 1, 59302 Oelde (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOHLSTETTE, Werner [DE/DE]; Von-Bodelschwingh-Strasse 16, 59302 Oelde (DE). NIEMERG, Willi [DE/DE]; Zum Schützenhof 5, 59302 Oelde (DE). KLEIMANN, Thomas [DE/DE]; Dorfsstrasse 10, 59302 Oelde (DE).
- (74) SPECHT, Peter et al. / etc.; Jöllenbecker Strasse 164, 33613 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 GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 B05B 1/28, A62C 31/02, F23D 11/16

- (11) WO 03/095097 (13) A1
- (21) PCT/US03/14186
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/378,337 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INTERNAL MIX AIR ATOMIZING SPRAY NOZZLE ASSEMBLY
- ASSEMBLAGE D'AJUTAGE DE VAPO-RISATION ET D'ATOMISATION D'AIR EN MELANGE INTERIEUR

- (71) SPRAYING SYSTEMS CO. [US/US]; North Avenue at Schmale Road, P.O. Box 7900, Wheaton, IL 60189-7900US (US).
- (72) HUFFMAN, David, C.; 60 Amherst Road, Merrimack, NH 03054 (US).
- (74) BAYS, Gregory, C.; 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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/04

- (11) WO 03/095098 (13) A1
- (21) PCT/US03/14213
- (22) 7 May/mai 2003 (07.05.2003)

- (25) en (26) en
- (30) 10/140,691 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MAGNET-DRIVEN ROTARY NOZZLE
- BUSE ROTATIVE ENTRAINEE PAR AIMANT
- (71) GP COMPANIES, INC. [US/US]; 1174 Northland Drive, Mendota Heights, MN 55120 (US).
- (72) HARRIS, Jaime, L.; 7256 170th Street, Rosemount, MN 55068 (US). BROWN, Gary, A.; 4330 155th Street East, Faribault, MN 55021 (US). KESSLER, Brad, S.; 8874 Branson Drive, Inver Grove Heights, MN (US).
- (74) HILBERG, Christopher, R.; Oppenheimer Wolff & Donnelly LLP, 45 South Seventh Street, Suite 3300, Minneapolis, MN 55402-1609 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 B05B 7/14

- (11) WO 03/095099 (13) A1
- (21) PCT/CH03/00248
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) fr (26) fr
- (30) 803/02 14 May/mai 2002 CH (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PUMP FOR POWDER PRODUCTS
- POMPE POUR PRODUITS PULVERULENTS
- (71) POMTAVA SA [CH/CH]; Nonceruz 2, CH-2732 Reconvilier (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIMMERMANN, Philippe [CH/CH]; Ch. des Mésanges 5, CH-2735 Mallerax (CH). RUEGG, Joseph [CH/CH]; Ch. de la Rive 9, CH-2710 Tavannes (CH).
- (74) WILLIAM BLANC & CIE; Conseils en Propriété industrielle SA, Av. du Paillly 25, Les Avanchets, CH-1220 Genève (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).
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- (51)⁷ **B05B 7/24, 9/08**
- (11) **WO 03/095100** (13) A1
- (21) PCT/US03/13655
- (22) **1 May/mai 2003 (01.05.2003)**
- (25) en (26) en
- (30) 0210446.1 **8 May/mai 2002 GB (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CONFORMABLE POUCH RESERVOIR FOR SPRAY GUN
- RESERVOIR DE FORME ADAPTABLE POURVU D'UNE STRUCTURE D'ÉCOULEMENT POUR UN PISTOLET DE PULVERISATION
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **DOUGLAS, Malcolm, F.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BOUIC, Phillip, J.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **JOSEPH, Stephen, C., P.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PRIBNOW, Scott, 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 (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 **B05B 7/24**
- (11) **WO 03/095101** (13) A1
- (21) PCT/US03/14306
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 0210448.7 **8 May/mai 2002 GB (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • VALVE CLOSURE FOR SPRAY GUN RESERVOIR

- FERMETURE DE TYPE ROBINET POUR RESERVOIR DE PISTOLET DE PULVERISATION
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **BOUIC, Philip J.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PRIBNOW, Scott 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 (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 **B05B 9/08, 17/04, 15/00, A61M 11/00, 11/08, A61L 2/22, C02F 1/46**
- (11) **WO 03/095102** (13) A1
- (21) PCT/JP03/05094
- (22) **22 Apr/avr 2003 (22.04.2003)**
- (25) ja (26) ja
- (30) 2002-132596 **8 May/mai 2002 JP (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ELECTROLYZED WATER SPRAYING DEVICE
- DISPOSITIF DE PULVERISATION D'EAU ELECTROLYSEE
- (71) **MIKUNI CORPORATION** [JP/JP]; 13-11, Sotokanda 6-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KASUYA, Shoji** [JP/JP]; c/o MIKUNI CORPORATION Odawara Branch, 2480, Kuno, Odawara-shi, Kanagawa 250-0055 (JP). **HASHIMOTO, Hiroshi** [JP/JP]; c/o MIKUNI CORPORATION Odawara Branch, 2480, Kuno, Odawara-shi, Kanagawa 250-0055 (JP).
- (74) **YASHIMA, Keiichi**; Room No. 712, Hosokawa Building, 1-17, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (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 **B05B 9/08, B29B 7/74**
- (11) **WO 03/095103** (13) A1
- (21) PCT/SI03/00015

- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) P-200200122 **13 May/mai 2002 SI (13.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DISPENSING GUN
- PISTOLET DISTRIBUTEUR
- (71) **MVA D.O.O.** [SI/SI]; Dolenja vas 53, 1355 POLHOV GRADEC (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VEDRAL, Miha** [SI/SI]; Dolenja vas 53, 1355 POLHOV GRADEC (SI).
- (74) **BORSTAR, Dusan**; European Patent Attorney, Nova ulica 11, 1230 DOM ALE (SI).
- (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 : (c)
-
- (51)⁷ **B05B 15/12, 5/08**
- (11) **WO 03/095104** (13) A1
- (21) PCT/US02/12232
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/284,474 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPOSITE POWDER COATING BOOTH WITH CONDUCTIVE LAYER
- CABINE COMPOSITE DE REVETEMENT PAR PULVERISATION A COUCHE CONDUCTRICE
- (63) US 09/550,353 (CIP)
14 Apr/avr 2000 (14.04.2000)
- (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) **MESSERLY, James, W.** [US/US]; 2050 Willowdale, Stow, OH 44224 (US). **SHUTIC, Jeffrey, R.** [US/US]; 11809 Clary Road, Wakeman, OH 44889 (US).
- (74) **LEWIS, Leonard, L.**; 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 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 B05C 9/06, 5/00, B27G 11/00

(11) WO 03/095105 (13) A1

(21) PCT/EP03/04773

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 382.2 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR APPLY-
ING GLUE AND HARDENING CON-
STITUENTS

• PROCEDE ET DISPOSITIF POUR AP-
PLIQUER DES COMPOSANTS DUR-
CISSEURS ET COLLANTS

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

(72) PFÜTZE, Eberhard; Sunswilerstr. 18,
55299 Nackenheim (DE). NEUNER, Sepp;
Am Bachberg 10, 85408 Gammelsdorf (DE).

(74) ISENBRUCK, BÖSL, HÖRSCHLER,
WICHMANN, HUH; Theodor-Heuss-An-
lage 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).

Published / Publiée : (c)

(51)⁷ B05D

(11) WO 03/095106 (13) A2

(21) PCT/US03/14471

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,506 7 May/mai 2002 US
(07.05.2002)

(30) 60/403,715 15 Aug/août 2002 US
(15.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PAINT DELIVERY AND APPLICATION
SYSTEM AND METHOD

• SYSTEME DE DISTRIBUTION DE
PEINTURE ET D'APPLICATION ET
PROCEDE

(71) BEHR SYSTEMS, INC. [US/US]; 2469
Executive Hills Boulevard, Auburn Hills, MI
48326 (US).

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

(72, 75) HERRE, Frank [DE/DE]; Gross-
moltenstr. Str. 12, 71739 Oberrhexigen (DE).
MELCHER, Rainer [DE/DE]; Im Stelzen-
bühl 10, 71720 Oberstenfeldt (DE). MAR-
TIN, Herbert [DE/DE]; Bruckenstrasse
46, 71384 Weinstadt (DE). BAUMANN,
Michael [DE/DE]; Weinbergsteige 4, 74223
Flein (DE). MICHELFELDER, Manfred
[US/DE]; In der Au 45, 71711 Steinheim
(DE). OSTIN, Richard, M. [US/US]; 33705
Hamlin Ct., Farmington, MI 48335 (US).
HELDT, Robert, F. [US/US]; 677 Doral,
Oxford, MI 48371 (US). HERING, Joachim
[DE/DE]; Torstrasse 31, 88525 Durmentin-
gen (DE). NOLTE, Hans, Jurgen [DE/DE];
Worthstr. 2, 70565 Stuttgart (DE).

(74) SCOTT, Raymond, E. et al. / etc.; Howard
& Howard Attorneys, P.C., 39400 Woodward
Avenue, Suite 101, Bloomfield Hills, MI
48034 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 1/04, B05B 5/025

(11) WO 03/095107 (13) A1

(21) PCT/US03/14470

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,506 7 May/mai 2002 US
(07.05.2002)

(30) 102 23 498.1 27 May/mai 2002 DE
(27.05.2002)

(30) 60/403,715 15 Aug/août 2002 US
(15.08.2002)

(30) 60/443,427 29 Jan/jan 2003 US
(29.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR DE-
LIVERING AND APPLYING AN ELEC-
TRICALLY CONDUCTIVE PAINT

• PROCEDE ET APPAREIL DE DIS-
TRIBUTION ET D'APPLICATION
D'UNE PEINTURE ELECTRIQUE-
MENT CONDUCTRICE

(71) BEHR SYSTEMS, INC. [US/US]; 2469
Executive Hills Boulevard, Auburn Hills, MI
48326 (US).

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

(72, 75) HERRE, Frank [DE/DE]; Gross-
moltenstr. Str. 12, 71739 Oberrhexigen (DE).
MELCHER, Rainer [DE/DE]; Im Stelzen-
bühl 10, 71720 Oberstenfeldt (DE). MAR-
TIN, Herbert [DE/DE]; Bruckenstrasse
46, 71384 Weinstadt (DE). BAUMANN,
Michael [DE/DE]; Weinbergsteige 4, 74223
Flein (DE). MICHELFELDER, Man-
fred [US/US]; In der Au 45, 71711 Stein-
heim (DE). HERING, Joachim [DE/DE];
Torstrasse 31, 88525 Durmentingen (DE).

(74) SCOTT, Raymond, E. et al. / etc.; Howard
& Howard Attorneys, P.C., 39400 Woodward
Avenue, Suite 101, Bloomfield Hills, MI
48034 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 B05D 1/20

(11) WO 03/095108 (13) A1

(21) PCT/CA03/00697

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2,385,911 10 May/mai 2002 CA
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR TWO
DIMENSIONAL ASSEMBLY OF PAR-
TICLES

• PROCEDE ET APPAREIL D'ASSEM-
BLAGE BIDIMENSIONNEL DE PARTI-
CULES

(71) NANOMETRIX INC. [CA/CA]; 1250
boulevard René-Lévesque Ouest, Montréal,
Québec H3B 5E9 (CA).

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

(72, 75) PICARD, Gilles [CA/CA]; 1775
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(74) OGILVY RENAULT; Suite 1600, 1981
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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 **B05D 3/02, 3/06, B44F 9/02, 9/04**
 (11) **WO 03/095109** (13) A1
 (21) PCT/ES02/00214
 (22) **7 May/mai 2002 (07.05.2002)**
 (25) es (26) es
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • METHOD OF DECORATING METAL PARTS THROUGH THE APPLICATION OF A POWDER PAINT
 • PROCEDE DE DECORATION DE PIÈCES MÉTALLIQUES PAR APPLICATION DE PEINTURE EN POUDRE
 (71) **HIG-TECNIC, S.L.** [ES/ES]; Av. San Lorenzo, 104, E-46901 El Vedat de Torrente (Valencia) (ES).
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 (72, 75) **ALVAREZ SANCHÍS, Elia, Maria** [ES/ES]; Av. San Lorenzo, 104, E-46901 El Vedat de Torrente (Valencia) (ES).
 (74) **CARPINTERO LOPEZ, Francisco**; Hertero & 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 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 **B05D 7/00, 7/24, B32B 5/16, H01M 4/36**
 (11) **WO 03/095111** (13) A1
 (21) PCT/US03/14062
 (22) **6 May/mai 2003 (06.05.2003)**
 (25) en (26) en
 (30) 60/377,617 **6 May/mai 2002 (06.05.2002)** US
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • CONDUCTING POLYMER-INORGANIC NANOPARTICLE (CPIN) NANOAARRAYS AND METHOD OF MAKING SAME AND A BATTERY UTILIZING CPIN NANOAARRAYS
 • NANORESEAUX DE NANOPARTICULES INORGANIQUES ET DE POLYMERES CONDUCTEURS (CPIN), PROCEDE DE FABRICATION, ET BATTERIE COMPRENANT DES NANORESEAUX CPIN
 (71) **THE BLUE SKY GROUP, INC.** [US/US]; 365 North 9th Street, Annex, Suite 113, Laramie, WY 82072-3380 (US).
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 (72, 75) **BUTTRY, Daniel** [US/US]; c/o THE BLUE SKY GROUP, INC., 365 North 9th Street, Annex, Suite 113, Laramie, WY 82072-3380 (US). **POPE, John M.** [US/US]; c/o THE BLUE SKY GROUP, INC., 365 North 9th Street, Annex, Suite 113, Laramie, WY 82072-3380 (US).
 (74) **ACKERMAN, William G.**; CROWELL & MORING LLP, P.O. Box 14300, Washington, DC 20044-4300 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B06F**
 (11) **WO 03/095112** (13) A2
 (21) PCT/EP03/04841
 (22) **8 May/mai 2003 (08.05.2003)**
 (25) de (26) de
 (30) 102 21 409.3 **14 May/mai 2002 (14.05.2002)** DE
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • CIRCUIT AND METHOD FOR CARRYING OUT A CALCULATION
 • CIRCUIT ET PROCEDE D'EXECUTION D'UN CALCUL
 (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) **BOCK, Holger** [AT/AT]; Grieskai 48, A-8020 Graz (AT).
 (74) **ZIMMERMANN, Tankred 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).
- (51)⁷ **B07B 1/46, 1/48, B01D 29/01**
 (11) **WO 03/095113** (13) A1
 (21) PCT/GB02/05094
 (22) **12 Nov/nov 2002 (12.11.2002)**
 (25) en (26) en
 (30) 0210438.8 **8 May/mai 2002 (08.05.2002)** GB
 (30) 0220508.6 **4 Sep/sep 2002 (04.09.2002)** GB
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • MANUFACTURE OF A FILTERING SCREEN
 • PRODUCTION D'UN FILTRE-TAMIS
 (71) **UNITED WIRE LTD** [GB/GB]; Granton Park Avenue, Edinburgh EH5 1HT (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HUGUES, Andrew** [GB/GB]; 6 Davidson Park, Edinburgh EH4 2PF (GB). **AULD, Morton, Barrowmore** [GB/GB]; 42 Craigleth View, Edinburgh EH4 2JY (GB).
 (74) **KEITH W. NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (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 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 B07C 3/00, 3/08

(11) WO 03/095114 (13) A1

(21) PCT/US03/14071

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,251 7 May/mai 2002 US
(07.05.2002)(30) 60/411,909 19 Sep/sep 2002 US
(19.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SINGLE PASS SEQUENCING ASSEM-
BLY AND METHOD• ENSEMBLE ET PROCEDE DE TRI PAR
PASSAGE UNIQUE(71) RAPISTAN SYSTEMS ADVERTISING
CORP. [US/US]; 507 Plymouth Avenue NE,
Grand Rapids, MI 49505 (US).(72) BRINKLEY, Dick, D.; 9570 Downes
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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 RO SE SI SK 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, 5/02, 5/04, 7/04, C23F 1/02,
B05D 1/26, H01G 9/20

(11) WO 03/095115 (13) A1

(21) PCT/AU03/00532

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PS2125 7 May/mai 2002 AU
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR LOCAL
TREATMENT OF SUBSTRATES• PROCEDE ET DISPOSITIF DE TRAITE-
MENT LOCAL DE SUBSTRATS(71) SUSTAINABLE TECHNOLOGIES IN-
TERNATIONAL PTY LTD [AU/AU]; 11
Aurora Avenue, Queanbeyan, NSW 2620
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les États désignés sauf US)(72, 75) BERTOZ, Michael, Peter, John
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76 Schlich Street, Yarralumla, ACT 2600
(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 B09B

(11) WO 03/095116 (13) A2

(21) PCT/US02/33732

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/330,436 22 Oct/oct 2001 US
(22.10.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDIATED ELECTROCHEMICAL OX-
IDATION OF ORGANIC WASTE MATE-
RIALS• OXYDATION ELECTROCHIMIQUE IN-
DUITE DE DECHETS ORGANIQUES(71) THE C & M GROUP, LLC [US/US]; 8225
Madrillon Estates Drive, Vienna, VA 22182
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CARSON, Roger, W. [US/US]; 8225
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(US). BREMER, Bruce, W. [US/US]; 18300
Feathertree Way, Apartment 304, Mont-
gomery Village, MD 20866-6318 (US).(74) WRAY, James, C. et al. / etc.; 1493 Chain
Bridge Road, Suite 300, 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 US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU 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 B09C

(11) WO 03/095117 (13) A2

(21) PCT/US03/14171

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/379,6253 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IN-SITU GENERATION OF OXYGEN-
RELEASING METAL PEROXIDES• PRODUCTION IN-SITU DE PER-
OXYDES METALLIQUES A LIBE-
RATION D'OXYGENE(71) WESTINGHOUSE SAVANNAH RIVER
COMPANY, LLC [US/US]; Office of Gen-
eral Counsel, Building 730-B, Aiken, SC
29808 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LOONEY, Brian, B. [US/US]; 1135
Ridgemont Drive, Aiken, SC 29803 (US).
DENHAM, Miles, E. [US/US]; 919 Shadow
Drive, Aiken, SC 29801 (US).(74) LEE, William, D. et al. / etc.; P.O. Box
10827, Greenville, SC 29603-0827 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 :

(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)(51)⁷ B09C 1/00, 1/08, A62D 3/00, C02F 1/00,
B01D 53/86

(11) WO 03/095118 (13) A1

(21) PCT/GB03/02012

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210684.7 10 May/mai 2002 GB
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF CARBON DISULFIDE
TREATMENT• PROCEDES DE TRAITEMENT DE DI-
SULFURE DE CARBONE

(71) **THE QUEEN'S UNIVERSITY OF BELFAST** [GB/GB]; University Road, Belfast BT7 1NN (GB).
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(72, 75) **KALIN, Robert, M.** [US/GB]; 5 Beverly Avenue, Newtownards BT23 7UE (GB).
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(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 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **B09C 1/10**

(11) **WO 03/095119** (13) A1

(21) PCT/JP03/05740

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-132855 **8 May/mai 2002 (08.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF CLEANING CONTAMINATED SOIL

• PROCEDE DE NETTOYAGE DE SOL CONTAMINE

(71) **NISSHIN FLOUR MILLING INC.** [JP/JP]; 25, KANDA-NISHIKI-CHO 1-CHOME, CHIYODA-KU, Tokyo 101-8441 (JP).

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(72, 75) **KANZAKI, Ken** [JP/JP]; C/O NISSHIN FLOUR MILLING INC. TSUKUBA LABORATORY, 13, OKUBO, TSUKUBA-SHI, Ibaraki 300-2611 (JP). **SHIIBA, Kiwamu** [JP/JP]; C/O NISSHIN FLOUR MILLING INC., 25, KANDA-NISHIKI-CHO 1-CHOME, CHIYODA-KU, Tokyo 101-8441 (JP). **KOMINE, Noriko** [JP/JP]; C/O NISSHIN FLOUR MILLING INC. TSUKUBA LABORATORY, 13, OKUBO, TSUKUBA-SHI, Ibaraki 300-2611 (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 **B09C 1/10**

(11) **WO 03/095120** (13) A1

(21) PCT/JP03/05741

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-133461 **9 May/mai 2002 (09.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF CLEANING CONTAMINATED SOIL

• PROCEDE DE NETTOYAGE DE SOL CONTAMINE

(71) **NISSHIN FLOUR MILLING INC.** [JP/JP]; 25, KANDA-NISHIKI-CHO 1-CHOME, CHIYODA-KU, Tokyo 101-8441 (JP).

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(72, 75) **KANZAKI, Ken** [JP/JP]; C/O NISSHIN FLOUR MILLING INC. TSUKUBA LABORATORY, 13, OKUBO, TSUKUBA-SHI, Ibaraki 300-2611 (JP). **SHIIBA, Kiwamu** [JP/JP]; C/O NISSHIN FLOUR MILLING INC., 25, KANDA-NISHIKI-CHO 1-CHOME, CHIYODA-KU, Tokyo 101-8441 (JP). **KOMINE, Noriko** [JP/JP]; C/O NISSHIN FLOUR MILLING INC. TSUKUBA LABORATORY, 13, OKUBO, TSUKUBA-SHI, Ibaraki 300-2611 (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 **B21D**

(11) **WO 03/095121** (13) A1

(21) PCT/ES02/00230

(22) **14 May/mai 2002 (14.05.2002)**

(25) es (26) es

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIE PRODUCTION METHOD

• PROCEDE DE FABRICATION D'EMPORTE-PIECES

(71) **FUNDACION ROBOTIKER** [ES/ES]; Parque Tecnológico, Ed. 202, E-48170 Zamudio (Vizcaya) (ES).

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(72, 75) **DEL POZO ROJO, Dionisio** [ES/ES]; Parque Tecnológico, Ed. 202, E-48170 Zamudio (Vizcaya) (ES). **LOPEZ GONZALEZ, Jesús-Maria** [ES/ES]; Parque Tecnológico, Ed. 202, E-48170 Zamudio (Vizcaya) (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 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 **B21D 26/02**

(11) **WO 03/095122** (13) A1

(21) PCT/SE03/00543

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

(25) sv (26) en

(30) 0201415-7 **8 May/mai 2002 (08.05.2002)** SE

(30) 60/380,424 **13 May/mai 2002 (13.05.2002)** US

(30) 0201470-2 **15 May/mai 2002 (15.05.2002)** SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR EXPANSION FORMING

• DISPOSITIF ET PROCEDE DE FORMAGE PAR EXPANSION

(71) **FLOW HOLDINGS SAGL** [CH/CH]; Via Cantonale, CH-6805 Mezzovico (CH).
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(72, 75) **HELLGREN, Keijo** [SE/SE]; Långdhoppargatan 5, S-722 41 Västerås (SE).

(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) 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 SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095123 (13) A1

(21) PCT/IB03/01815

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/063,757 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A TOOL AND PROCESS FOR FORMING A HEM

• OUTIL ET PROCÉDE DE FORMATION D'UN BORD RABATTU

(71) FORD MOTOR COMPANY [US/US]; The American Road, Dearborn, MI 48121 (US). UNOVA IP CORP [US/US]; 21900 Burbank Boulevard, Woodland Hills, CA 91367 (US).

(72) WIENS, Phil, V.; 642 Smith Crescent, LaSalle, Ontario N9J 3G9 (CA). SAMANT, Jaideep; 39330 Ironstone, Sterling Heights, MI 48310 (US). COUGHLIN, Patrick; 51876 Colonial Drive, Shelby Twp, MI 48316 (US). FAITEL, William; 53427 Meadowview Lane, New Baltimore, MI 48047 (US). MILLER, Craig, Eugene; 15840 Lakeside Village #205, Clinton Twp, MI 48038 (US). FRIEDMAN, Peter; 1050 Olivia Avenue, Ann Arbor, MI 48104 (US). XIA, Zhiyong, Cedric; 41536 Pheasant Creek Drive, Canton, MI 48188 (US). SCHRANDT, Douglas, J.; 52656 West Hill Drive, Chesterfield Twp, MI 48047 (US).

(74) FORD MOTOR COMPANY; The American Road, Dearborn, MI 48121 (US).

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

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

(51)⁷ B21D 39/03

(11) WO 03/095124 (13) A1

(21) PCT/EP02/05025

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD FOR MECHANICALLY JOINING TWO OR MORE LAYERS OF SHEET MATERIAL

• PROCÉDE D'ASSEMBLAGE MÉCANIQUE D'AU MOINS DEUX COUCHES DE MATÉRIAU EN FEUILLES

(71, 72) BERGKVIST, Hans [CH/CH]; Chemin de la Cocarde 19, CH-1024 Ecublens (CH).

(74) JOHANSSON, Lars; Patech Sarl, Chemin du College, CH-1168 Villars-Sous-Yens (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 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 B21D 43/10, 43/26, 5/02

(11) WO 03/095125 (13) A2

(21) PCT/AT03/00060

(22) 27 Feb/fév 2003 (27.02.2003)

(25) de (26) de

(30) A 731/2002 13 May/mai 2002 AT (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCTION DEVICE, ESPECIALLY A BENDING PRESS, AND METHOD FOR OPERATING SAID PRODUCTION DEVICE

• EQUIPEMENT DE FABRICATION, NOTAMMENT PRESSE A PLIER ET MODE DE FONCTIONNEMENT DE CET EQUIPEMENT DE FABRICATION

(71) TRUMPF MASCHINEN AUSTRIA GMBH & CO. KG. [AT/AT]; Industriepark 24, A-4061 Pasching (AT).

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

(72, 75) STRASSER, Hagen [AT/AT]; Engerauerweg 2, A-4061 Pasching (AT). THEIS, Helmut [AT/AT]; Schilfweg 10, A-4540 Pfarrkirchen (AT). BONGARDT, Thomas

[DE/DE]; Debussyweg 4, 80939 München (DE). WÜNSCH, Georg [DE/DE]; Germaniastrasse 33, 80805 München (DE).

(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 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).

(51)⁷ B21D 51/26, B65D 1/00

(11) WO 03/095126 (13) A1

(21) PCT/JP03/05834

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135673 10 May/mai 2002 JP (10.05.2002)

(30) 2002-300768 15 Oct/oct 2002 JP (15.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR FORMING OUTLINE OF CAN SHELL

• PROCÉDE ET DISPOSITIF DE FORMATION DU POURTOUR D'UNE CANETTE

(71) HOKKAI CAN CO., LTD. [JP/JP]; 2-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) OGAKI, Takuhiro [JP/JP]; c/o Technology of Headquarters, Hokkai Can Co., Ltd., 5-15, Ueno 4-chome, Iwatsuki-shi, Saitama 339-0073 (JP). HATTORI, Mune-hisa [JP/JP]; c/o Technology of Headquarters, Hokkai Can Co., Ltd., 5-15, Ueno 4-chome, Iwatsuki-shi, Saitama 339-0073 (JP). TAKEI, Masayuki [JP/JP]; c/o Technology of Headquarters, Hokkai Can Co., Ltd., 5-15, Ueno 4-chome, Iwatsuki-shi, Saitama 339-0073 (JP). TAMURA, Hideyuki [JP/JP]; c/o Technology of Headquarters, Hokkai Can Co., Ltd., 5-15, Ueno 4-chome, Iwatsuki-shi, Saitama 339-0073 (JP). TAKEDA, Yuri [JP/JP]; c/o Technology of Headquarters, Hokkai Can Co., Ltd., 5-15, Ueno 4-chome, Iwatsuki-shi, Saitama 339-0073 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) BR CN 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 B21D 53/26, B60B 3/04

(11) WO 03/095127 (13) A1

(21) PCT/BR03/00062

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) P10201684-2 8 May/mai 2002 BR (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF MANUFACTURING A WHEEL, A WHEEL AND A WHEEL DISC

• PROCEDE DE FABRICATION D'UNE ROUE, ROUE ET DISQUE DE ROUE

(71) MERITOR DO BRASIL LTDA. [BR/BR]; Avenida Major José Levy Sobrinho, 2700, CEP-13486-925 Limeira, SP (BR).

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

(72, 75) FRANCISCETTI, Evandro, Luis [BR/BR]; Rua Agenor Ferreira de Camargo, 100, Jardim São Roque, CEP-13480-338-Limeira, SP (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 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).

(51)⁷ B21H 5/02, F16H 55/08, B22F 5/08

(11) WO 03/095128 (13) A1

(21) PCT/NL03/00332

(22) 6 May/mai 2003 (06.05.2003)

(25) nl (26) en

(30) 1020562 8 May/mai 2002 NL (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CROWN GEAR
• ROUE CONIQUE

(71) NORMA B.V. [NL/NL]; Granaatstraat 54, NL-7554 TR Hengelo (NL).

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

(72, 75) MEYER, Michael [DE/DE]; Innsbrückerstrasse 25, D-10825 Berlin (DE). DONDERTMAN, Johan, Willem, Gerald [NL/NL]; Rondaalterweg 2, NL-7475 RM Markelo (NL).

(74) UITTENBOGAART, Gustaaf, Adolf; In-deig B.V., P.O. Box 3, NL-2050 AA Overveen (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).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B22D 19/00, 19/08, 13/02, B22C 3/00, F02C 1/00

(11) WO 03/095129 (13) A1

(21) PCT/JP03/05743

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-137548 13 May/mai 2002 JP (13.05.2002)

(30) 2002-137566 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAST IRON INTERNAL CHILL MEMBER AND METHOD OF PRODUCING THE SAME

• COQUILLE INTERNE DE MOULAGE DE FONTE ET PROCEDE DE PRODUCTION DE CELLE-CI

(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) KODAMA, Haruki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). FUKU-MOTO, Tomonori [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).

(74) CHIBA, Yoshihiro et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 B22F 3/10, C04B 35/64

(11) WO 03/095130 (13) A1

(21) PCT/US03/14054

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED SINTERING
• FRITTAGE ASSISTE PAR PLASMA

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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

(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/12

(11) WO 03/095131 (13) A1

(21) PCT/BG02/00013

(22) 26 Jun/juin 2002 (26.06.2002)

(25) en (26) en

(30) 106698 14 May/mai 2002 BG (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A THREE-JAW TIGHTENING CHUCK
• MANDRIN DE SERRAGE A TROIS MORS

(71) VOUEV, Gueorgui, Vassilev [BG/BG]; 50, Buntovnik Str., 1421 Sofia (BG).

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

(71, 72) NACHEV, Valentin, Rashev [BG/BG]; 28, Krivolak Str., 1421 Sofia (BG).

(74) NEYKOV, Neyko, Hristov; 58, Vorino Str., app.2, 1680 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 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 B23B 31/30

(11) WO 03/095132 (13) A1

(21) PCT/EP03/04874

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 507.3 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXPANSION CHUCKING DEVICE

• DISPOSITIF DE SERRAGE EXPANSIBLE

(71) SCHUNK GMBH & CO. KG FABRIK FÜR SPANN- UND GREIFWERKZEUGE [DE/DE]; Bahnhofstrasse 106-134, 74348 Lauffen (DE).

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

(72, 75) SCHUSTER, Andreas [DE/DE]; Langes Eck 19, 71543 Wüstenrot/Neulautern (DE). MICHLER, Gerhard [DE/DE]; Nordstrasse 9, 74360 Illsfeld (DE). RETZBACH, Thomas [DE/DE]; Forststrasse 19, 74357 Bönnigheim (DE). SIGMUND, Rainer [US/US]; Kirschenweg 33, 74348 Lauffen (US).

(74) PAUL, Dieter-Alfred et al. / etc.; Hellersbergstr. 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 B23K

(11) WO 03/095133 (13) A2

(21) PCT/FR03/01113

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr

(30) 02/05915 14 May/mai 2002 FR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ULTRASHORT POWER LASER PULSE LASER SOURCE

• SOURCE LASER D'IMPULSIONS LASER ULTRACOURTES DE PUISSANCE

(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) LARAT, Christian [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). HUIGNARD, Jean-Pierre [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 B23K 9/12, 9/173, 9/29

(11) WO 03/095134 (13) A1

(21) PCT/US03/14498

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,425 10 May/mai 2002 US (10.05.2002)

(30) 10/431,810 8 May/mai 2003 US (08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WELDING CONTACT TIP AND DIFFUSER

• TUBE CONTACT DE SOUDAGE ET DIFFUSEUR

(71) TWECO PRODUCTS, INC. [US/US]; 16052 Swingley Ridge Road, Suite 300, Chesterfield, MO 63017 (US).

(72) STUART, Kyle; 4200 West Harry, P.O. Box 12250, Wichita, KS 67277 (US). LONGHOFER, Rondell, L.; 4200 West Harry, P.O. Box 12250, Wichita, KS 67277 (US).

(74) GODAR, Michael, E. et al. / etc.; Senniger, Powers, Leavitt & Roedel, One 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/29, 9/12

(11) WO 03/095135 (13) A1

(21) PCT/JP03/05744

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-137575 13 May/mai 2002 JP (13.05.2002)

(30) 2002-137618 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TIG WELDING EQUIPMENT AND TIG WELDING METHOD

• EQUIPEMENT ET PROCÉDE DE SOUDAGE TIG

(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) KITAMURA, Kaoru [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). YAMAOKA, Naoki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). TANIMIZU, Shigeru [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). SHIMAZAKI, Keiichi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). MORITA, Hirofumi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).

(74) CHIBA, Yoshihiro et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B23K 11/087, 11/18, 35/00

(11) WO 03/095136 (13) A1

(21) PCT/EP03/03597

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 02076773.7 **8 May/mai 2002** EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF WELDING ALUMINIUM ALLOY STRIP PRODUCTS
• PROCEDE DE SOUDAGE DE PRODUITS EN BANDES A BASE D'ALLIAGE D'ALUMINIUM

(71) **CORUS TECHNOLOGY BV** [NL/NL]; P.O. Box 10000, NL-1970 CA Ijmuiden (NL).
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(72, 75) **LAHAYE, Christiaan, Theodorus, Wilhelmus** [NL/NL]; Rosa Spierplantsoen 40, NL-1705 KW Heerhugowaard (NL).
WITTEBROOD, Adrianus, Jacobus [NL/NL]; Vederkruid 8, NL-1991 HB Velsersbroek (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/24**

(11) **WO 03/095137** (13) A1

(21) PCT/JP03/05745

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-135300 **10 May/mai 2002** JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPOT WELDING SYSTEM AND ITS CONTROL METHOD
• SYSTEME DE SOUDAGE PAR POINTS ET PROCEDE DE COMMANDE ASSOCIEE

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
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(72, 75) **MAKITA, Taku** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). **MIWA, Hiroshi** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). **KURIHARA, Osamu** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).

(74) **CHIBA, Yoshihiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 26/02, 26/00, 26/10, 26/24, 37/04**

(11) **WO 03/095138** (13) A1

(21) PCT/EP03/04614

(22) **2 May/mai 2003 (02.05.2003)**

(25) fr (26) fr

(30) 02076799.2 **8 May/mai 2002** EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LASER WELDING INSTALLATION AND WELDING HEAD EQUIPPING SAME
• INSTALLATION DE SOUDAGE AU LASER ET TÊTE DE SOUDAGE EQUIPANT UNE TELLE INSTALLATION

(71) **LASAG A.G.** [CH/CH]; C.F.L.-Lohnerstrasse 24, CH-3602 Thun (CH).
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(72, 75) **GRESSLY, André** [CH/CH]; Riedstrasse 84, CH-3626 Hünibach (CH).

(74) **I.C.B. INGENIEURS CONSEILS EN BREVETS SA;** 7, rue des Sors, 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).

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(51)⁷ **B23K 26/06, H01L 21/301**

(11) **WO 03/095139** (13) A1

(21) PCT/JP03/05086

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) ja (26) ja

(30) 2002-131776 **7 May/mai 2002** JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FINISHING MACHINE USING LASER BEAM
• MACHINE DE TRAITEMENT METALLANT EN OEUVRE UN FAISCEAU LASER

(71) **DISCO CORPORATION** [JP/JP]; 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP).
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(72, 75) **TAKEUCHI, Masaya** [JP/JP]; c/o DISCO CORPORATION, 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP). **KANEUCHI, Yasuomi** [JP/JP]; c/o DISCO CORPORATION, 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP). **NAGAI, Yusuke** [JP/JP]; c/o DISCO CORPORATION, 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP).

(74) **ONO, Hisazumi** et al. / etc.; Nippon Shuzo bldg., 1-21, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 26/06, H01L 21/301**

(11) **WO 03/095140** (13) A1

(21) PCT/JP03/05441

(22) **28 Apr/avr 2003 (28.04.2003)**

(25) ja (26) ja

(30) 2002-137028 **13 May/mai 2002** JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FINISHING MACHINE USING LASER BEAM
• APPAREIL DE FINITION A FAISCEAU LASER

(71) **DISCO CORPORATION** [JP/JP]; 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP).
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(72, 75) **SEKIYA, Kazuma** [JP/JP]; c/o DISCO CORPORATION, 14-3, Higashi Kojiya 2-chome, Ota-ku, Tokyo 144-8650 (JP).

(74) **ONO, Hisazumi** et al. / etc.; Nippon Shuzo bldg., 1-21, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 28/02, 26/14

(11) WO 03/095141 (13) A2

(21) PCT/FR03/01155

(22) 11 Apr/avr 2003 (11.04.2003)

(25) fr (26) fr

(30) 02/05687 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR HYBRID MULTIPLE-THICKNESS LASER-ARC WELDING WITH EDGE WELDING

• PROCEDE DE SOUDAGE HYBRIDE LASER-ARC EN MULTI-EPAISSEURS AVEC ATTAQUE SUR CHANTS

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR). LA SOUDURE AUTOGENE FRANCAISE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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(72, 75) LEFEBVRE, Philippe [FR/FR]; 7, rue Waldeck Rousseau, F-95310 Saint-Ouen l'Aumône (FR). MATILE, Olivier [FR/FR]; 6/12, rue Achille Martinet, F-75018 Paris (FR).

(74) PITTIS, Olivier et al. / etc.; L'Air Liquide, S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) BR 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 B23K 37/00, E04G 3/00, 3/10, D21C 7/00

(11) WO 03/095142 (13) A1

(21) PCT/JP03/05793

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-136312 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WORKING DEVICE FOR INNER WALL SURFACE OF TOWER TANK, AND INNER WALL SURFACE WORKING METHOD USING THE SAME

• DISPOSITIF DE TRAVAIL POUR SURFACE DE PAROI INTERIEURE DE TOUR RESERVOIR ET PROCEDE UTILISANT CE DISPOSITIF

(71) DAIO PAPER CORPORATION [JP/JP]; 2-60, Kamiya-cho, Iyomishima-shi, Ehime 799-0492 (JP).

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(72, 75) FUJIWARA, Reiki [JP/JP]; c/o DAIO PAPER CORPORATION, 2-60, Kamiya-cho, Iyomishima-shi, Ehime 799-0492 (JP). ITO, Masaaki [JP/JP]; c/o DAIO PAPER CORPORATION, 2-60, Kamiya-cho, Iyomishima-shi, Ehime 799-0492 (JP).

(74) ISHIHARA, Masaru; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) BR CA CN ID 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 B23Q 11/00

(11) WO 03/095143 (13) A1

(21) PCT/EP03/04796

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 617.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WEIGHT-COMPENSATING DEVICE

• DISPOSITIF DE COMPENSATION DE POIDS

(71) P & L GMBH & CO. KG [DE/DE]; Turmweg 31, 20148 Hamburg (DE).

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(72, 75) RÖDERS, Jürgen [DE/DE]; Turmweg 31, 20148 Hamburg (DE).

(74) WEBER, Joachim; Hoefer, Schmitz, Weber & Partner, Gabriel-Max-Strasse 29, 81545 München (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).

(51)⁷ B24B 37/00, 1/04

(11) WO 03/095144 (13) A1

(21) PCT/JP03/05843

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-170668 9 May/mai 2002 JP
(09.05.2002)

(30) 2002-199269 5 Jun/juin 2002 JP
(05.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LAPPING DEVICE AND LAPPING WORK METHOD

• DISPOSITIF DE RODAGE ET PROCEDE DE TRAVAIL DE RODAGE

(71, 72) OHNISHI, Kazumasa [JP/JP]; 121-35, Hanazonohigashi 2-chome, Nagaoka-shi, Niigata 940-0846 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 53/007

(11) WO 03/095145 (13) A1

(21) PCT/IB03/01559

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076829.7 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLEANING HEAD

• TETE DE NETTOYAGE

(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) NGUYEN HOANG, Viet [VN/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DAAMEN, Roel [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; 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).

(51)⁷ B24C 1/00

(11) WO 03/095146 (13) A1

(21) PCT/JP02/04598

(22) 10 May/mai 2002 (10.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRY ICE INJECTOR

• INJECTEUR DE GLACE SECHE

(71) ITEC CO., LTD. [JP/JP]; 132-1, Kannabe-cho 4-cho, Sakai-shi, Osaka 590-0984 (JP).

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(72, 75) SEKOTA, Kazuyuki [JP/JP]; c/o Ittec Co., Ltd., 132-1, Kannabe-cho 4-cho, Sakai-shi, Osaka 590-0984 (JP). TSUCHIYA, Yoshifumi [JP/JP]; 1-247-3, Yugi-machi, Oume-shi, Tokyo 198-0064 (JP).

(74) KITATANI, Toshikazu; 4th Floor, Osaka Fukokuseimei Building, 2-4, Komatsubara-cho, Kita-ku, Osaka-shi, Osaka 530-0018 (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 B24D 7/16, 5/16, B24B 45/00

(11) WO 03/095147 (13) A1

(21) PCT/DE03/00512

(22) 19 Feb/fév 2003 (19.02.2003)

(25) de (26) de

(30) 102 18 196.9 24 Apr/avr 2002 DE (24.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ATTACHMENT AND RAPID-CHUCKING SYSTEM, COMPRISING A ROTATABLY DRIVEN, DISC-SHAPED HUB

• ELEMENT D'ATTACHE ET SYSTEME DE SERRAGE RAPIDE, A MOYEU EN FORME DE DISQUE POUVANT ETRE ENTRAINE EN ROTATION

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) HOFMANN, Albrecht [DE/DE]; Seilerstrasse 11/1, 71144 Steinenbronn (DE).
KRONDORFER, Harald [DE/DE]; Erlenweg 8/2, 71638 Ludwigsburg (DE).
HECKMANN, Mark [DE/DE]; Joh.-Seb.-Bach-Str. 34, 70771 Leinfelden-Echterdingen (DE).
SCHOMISCH, Thomas [DE/DE]; Echterdingen Strasse 26, 70771 Leinfelden-Echterdingen (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 SE SI SK TR).

(51)⁷ B24D 13/04

(11) WO 03/095148 (13) A1

(21) PCT/DK03/00297

(22) 6 May/mai 2003 (06.05.2003)

(25) da (26) en

(30) PA 2002 00689 7 May/mai 2002 DK (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CYLINDRIC DRUM WITH SANDING ELEMENTS

• TAMBOUR CYLINDRIQUE MUNI D'ELEMENTS DE PONÇAGE

(71) JESPERSEN, Poul, Erik [DK/DK]; Lyngvænget 6, DK-7870 Roslev (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 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

(11) WO 03/095149 (13) A2

(21) PCT/EP03/05227

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210966.8 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A DOOR CLAMP

• PINCE DE PORTE

(71, 72) McCANN, Gerald [GB/GB]; 17 Hamill Glen, Belfast BT11 8SN (GB).

(74) WALLACE, Alan et al. / etc.; F R Kelly & Co, 9 University Street, Belfast BT7 1FY (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 B25B 13/50

(11) WO 03/095150 (13) A1

(21) PCT/US03/13420

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/139,525 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED POWER TONG ASSEMBLY AND METHOD

• ENSEMBLE CLE DE VISSAGE AUTOMATIQUE AMELIORE ET PROCEDE ASSOCIE

(71) FRANK'S INTERNATIONAL, INC. [US/US]; Suite 300, 11700 Old Katy Road, Houston, TX 77079 (US).

(72) HAWKINS, SAMUEL, P., III.; 2851 Johnston Street, #175, Lafayette, LA 70503 (US).

(74) JOHNSON, WILLIAM, E., JR.; The Matthews Firm, 1900 West Loop South, Suite 1800, 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 US UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/145

(11) WO 03/095151 (13) A1

(21) PCT/US03/14280

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,071 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AIR AUTO SHUT-OFF MECHANISM FOR A PNEUMATIC TORQUE-APPLYING TOOL

• MECANISME D'ARRET AUTOMATIQUE D'AIR DESTINE A UN OUTIL D'APPLICATION DE COUPLE POUR PNEUMATIQUE

(71) SNAP-ON TECHNOLOGIES, INC. [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

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(72, 75) PUTNEY, Gordon, A. [US/US]; N2273 Piper Alley, Lake Geneva, WI 53147 (US).
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IWINSKI, Dean, J. [US/US]; W171 S8170 Lannon Dr., Muskego, WI 53150 (US).
LIONBERG, Daniel, D. [US/US]; 2812 N. Pierce Street, Milwaukee, WI 53212 (US).

(74) STOTLAND, Harold, V.; Seyfarth Shaw, Suite 4200, 55 East 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B25C 5/16, F16B 15/08

(11) WO 03/095152 (13) A1

(21) PCT/JP02/12859

(22) 9 Dec/déc 2002 (09.12.2002)

(25) ja (26) ja

(30) 2002-133658 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CARTRIDGE FOR STAPLER AND STAPLER

• CARTOUCHE POUR AGRAFEUSE ET AGRAFEUSE

(71, 72) KAMEYAMA, Toshiyuki [JP/JP]; 5-3-13, Minami-Oi, Shinagawa-ku, Tokyo 140-0013 (JP).

(72, 75) KAMEYAMA, Sannosuke [JP/JP]; 5-3-13, Minami-Oi, Shinagawa-ku, Tokyo 140-0013 (JP).

(74) SANO, Souichiro; East Hill Bldg., 4F, 16-15, Higashiyama 1-chome, Meguro-ku, Tokyo 153-0043 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (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 : (b)

(51)⁷ B25D 9/04

(11) WO 03/095153 (13) A1

(21) PCT/FI03/00354

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 20020881 8 May/mai 2002 FI (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PERCUSSION DEVICE WITH A TRANSMISSION ELEMENT COMPRESSING AN ELASTIC ENERGY STORING MATERIAL

• DISPOSITIF A PERCUSSION EQUIPE D'UN ELEMENT DE TRANSMISSION PERMETTANT DE COMPRIMER UN MATERIAU CAPABLE D'EMMAGASINER L'ENERGIE ELASTIQUE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihtisulunkatu 9, FIN-33330 Tampere (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KESKINIVA, Markku [FI/FI]; Isoniemenkatu 20, FIN-33400 Tampere (FI). AHOLA, Erkki [FI/FI]; Topiaksentie 11, FIN-36240 Kangasala (FI). KOTALA, Ari [FI/FI]; Kelohongankatu 18, FIN-33820 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) 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) 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 (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP

(Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 B25H 1/00, B23B 49/00, G01V 3/08

(11) WO 03/095154 (13) A1

(21) PCT/US03/13213

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/143,242 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETIC INDEXER FOR HIGH ACCURACY HOLE DRILLING

• DISPOSITIF MAGNETIQUE D'INDEXAGE POUR LE PERÇAGE DE TROUS DE GRANDE PRECISION

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(72) GEORGESON, Gary, E.; 145 S. 358th Street, Federal Way, WA 98003 (US). HAFENRICHTER, Joseph, L.; 17751 NE 90th Street #A305, Redmond, WA 98052 (US). REMPT, Raymond, D.; 16325 NE 203rd Place, Woodinville, WA 98072 (US). CLARK, Gregory, L.; 4746 193rd Place S.E., Issaquah, WA 98027 (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 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 B25J 13/00, 5/00

(11) WO 03/095155 (13) A1

(21) PCT/JP03/05692

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-131120 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING WALKING OF LEGGED ROBOT

• PROCÉDE ET DISPOSITIF POUR COMMANDER LA MARCHÉ D'UN ROBOT MUNI DE JAMBES

(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) KANEKO, Kenji [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). YOKOI, Kazuhito [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). KANEHIRO, Fumio [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). KAJITA, Shuui [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). FUJIWARA, Kiyoshi [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). HIRUKAWA, Hirohisa [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP).

(74) HAYASHI, Hiroshi et al. / etc.; c/o Hayashi International Patent Office, Daiichi Taishotatemono Building, 9-12, Nishishinjuku 1-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 **B25J 19/00, 5/00**
 (11) **WO 03/095156** (13) A1
 (21) PCT/JP03/05699
 (22) **7 May/mai 2003 (07.05.2003)**
 (25) ja (26) ja
 (30) 2002-136029 **10 May/mai 2002 JP (10.05.2002)**
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • **ADDITIONAL SUPPORT STRUCTURE FOR ROBOT**
 • **STRUCTURE DE SUPPORT COMPLEMENTAIRE POUR ROBOT**
 (71) **KAWADA INDUSTRIES, INC.** [JP/JP]; 3-11, Takinogawa 1-chome, Kita-ku, Tokyo 114-8562 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 (JP).
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 (72, 75) **ISOZUMI, Takakatsu** [JP/JP]; c/o KAWADA INDUSTRIES, INC., 3-11, Takinogawa 1-chome, Kita-ku, Tokyo 114-8562 (JP). **ISHIZAKI, Masakazu** [JP/JP]; c/o KAWADA INDUSTRIES, INC., 3-11, Takinogawa 1-chome, Kita-ku, Tokyo 114-8562 (JP). **OSAWA, Tadaaki** [JP/JP]; c/o KAWADA INDUSTRIES, INC., 3-11, Takinogawa 1-chome, Kita-ku, Tokyo 114-8562 (JP). **AKACHI, Kazuhiko** [JP/JP]; c/o KAWADA INDUSTRIES, INC., 3-11, Takinogawa 1-chome, Kita-ku, Tokyo 114-8562 (JP). **KANEKO, Kenji** [JP/JP]; c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). **KANEHIRO, Fumio** [JP/JP]; c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (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).
 (51)⁷ **B26B 19/00**
 (11) **WO 03/095157** (13) A1
 (21) PCT/AT03/00130
 (22) **5 May/mai 2003 (05.05.2003)**
 (25) de (26) de
 (30) A 709/2002 **7 May/mai 2002 AT (07.05.2002)**
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • **SHAVING APPLIANCE COMPRISING AT LEAST ONE ROTATING FLEXIBLE STRIP**
 • **RASOIR DOTE D'AU MOINS UNE BANDE FLEXIBLE ROTATIVE**
 (71, 72) **POPP, Gernot** [AT/AT]; Meidlinger Hauptstrasse 74/15, A-1120 Wien (AT).
 (74) **BABELUK, Michael**; Mariahilfer Gürtel 39/17, A-1150 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 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 **B26B 19/14, 19/38**
 (11) **WO 03/095158** (13) A1
 (21) PCT/IB03/01689
 (22) **23 Apr/avr 2003 (23.04.2003)**
 (25) en (26) en
 (30) 02076825.5 **7 May/mai 2002 EP (07.05.2002)**
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • **SHAVING APPARATUS WITH SPRING-MOUNTED SHAVING HEAD HOLDER**
 • **APPAREIL DE RASAGE AVEC SUPPORT DE TETE DE RASAGE MONTE SUR RESSORT**
 (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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 (72, 75) **BEUGELS, Johannes** [NL/NL]; 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 **B26B 21/22**
 (11) **WO 03/095159** (13) A1
 (21) PCT/US03/13960
 (22) **5 May/mai 2003 (05.05.2003)**
 (25) en (26) en
 (30) 10/142,122 **9 May/mai 2002 US (09.05.2002)**
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • **SHAVING SYSTEMS**
 • **SYSTEMES DE RASAGE**
 (63) US 10/142,122 (CON) 9 May/mai 2002 (09.05.2002)
 (71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
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 (72, 75) **BROWN, William, R., Jr.** [US/US]; 6 Gemma Drive, Peabody, MA 01960 (US). **CARSON, William, C.** [US/US]; Three Seneca Ct., Acton, MA 01720 (US). **CHEN-VAINU, Alexander, T.** [US/US]; 28 Winslow Road, Brookline, MA 02446 (US). **CHRISTMAN, Thomas, A.** [US/US]; 5 Maple Street, Lexington, MA 02420 (US). **JOHNSON, Kenneth, E.** [US/US]; 33 Hillside Drive, Hollis, NH 03049 (US). **KIRICOPLIS, Charles, P.** [US/US]; 29B First Street, Salem, MA 01970 (US). **LEE, Alejandro** [US/US]; Apartment 3, 366 Putnam Avenue, Cambridge, MA 02139 (US). **LOUIS, Cardy, J.** [US/US]; 933 Locust Street, Raynham, MA 02767 (US). **ZIMMET, Helge** [DE/US]; 41 Shirley Rd., Waltham, MA 02452 (US).
 (74) **GALLOWAY, Peter, D. 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 **B26B 21/40, A45D 27/24**
 (11) **WO 03/095160** (13) A1
 (21) PCT/IB03/01135
 (22) **24 Mar/mar 2003 (24.03.2003)**
 (25) en (26) en
 (30) 60/378,332 **7 May/mai 2002 US (07.05.2002)**
 (43) 20 Nov/nov 2003 (20.11.2003)
 (54) • **CONTAINER FOR REPLACEMENT CARTRIDGE**

- RECIPIENT POUR CARTOUCHE DE REMPLACEMENT
- (71) **WARNER-LAMBERT COMPANY LLC** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COFFIN, David, Charles** [US/US]; 62 Woodstock Road, Hamden, CT 06517 (US).
- (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 **B26B 21/44**
- (11) **WO 03/095161** (13) A1
- (21) PCT/IB03/01133
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 60/379,172 **8 May/mai 2002 (08.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • LUBRICATING STRIP
• BANDE LUBRIFIANTE
- (71) **WARNER-LAMBERT COMPANY LLC** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
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- (72, 75) **ORLOFF, Glennis, Joan** [US/US]; 11 Maple Vale Drive, Woodbridge, CT 06525 (US).
- (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 **B26B 21/52**
- (11) **WO 03/095162** (13) A1
- (21) PCT/US03/13201
- (22) **29 Apr/avr 2003 (29.04.2003)**
- (25) en (26) en
- (30) 10/142,180 **9 May/mai 2002 (09.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • EXTENDABLE HANDLE SHAVER
• RASOIR A POIGNEE EXTENSIBLE
- (71, 72) **WOLAK, Karen, A.** [US]; 4607 Burnham Dr., Hoffman & States, IL 60195 (US).
EHRLICH, Ronald, William [US]; 1214 E. Long Valley dr., Palatine, IL 60074 (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 **B26F 1/14, 1/10**
- (11) **WO 03/095163** (13) A1
- (21) PCT/US03/13983
- (22) **5 May/mai 2003 (05.05.2003)**
- (25) en (26) en
- (30) 60/378,334 **6 May/mai 2002 (06.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ROTARY PUNCH AND PUNCH PIN HOLDER
• PERFORATEUR ROTATIF ET SUPPORT D'AIGUILLES DE PERFORATION
- (71) **GENERAL BINDING CORPORATION** [US/US]; One GBC Plaza, Northbrook, IL 60062 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRUDO, Phillip** [US/US]; 250 West Prairie Lane, Round Lake, IL 60073 (US).
- (74) **RUSCHAU, Pamela, J. et al.** / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 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 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 **B27G 13/00**
- (11) **WO 03/095164** (13) A1
- (21) PCT/IL03/00348
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 149552 **9 May/mai 2002 (09.05.2002)** IL
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SAWING DEVICE HAVING AN ADJUSTABLE PROFILE
• SCIE CIRCULAIRE A LARGEUR DE TRAIT DE SCIE AJUSTABLE
- (71) **DIMAR LTD.** [IL/IL]; P.O.B 1085, Industrial Zone, 22832 Shlomi (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERKOWITZ, Igor** [IL/IL]; 8/6 Ha'Hermom st., 13200 Zefat (IL). **SPECTOR, Gavriel** [IL/IL]; 7 Chochit st., 25147 Kfar Veradim (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 **B27K**
- (11) **WO 03/095165** (13) A2
- (21) PCT/DK03/00306
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) PA 2002 00700 **8 May/mai 2002 (08.05.2002)** DK
- (30) PA 2002 01107 **16 Jul/juil 2002 (16.07.2002)** DK
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR TREATMENT OF WOOD USING A CARRIER FLUID UNDER HIGH PRESSURE WITHOUT DAMAGING THE WOOD
• PROCÉDÉ DE TRAITEMENT DE BOIS COMPRENANT L'UTILISATION D'UN VÉHICULE FLUIDE SOUS HAUTE PRESSION NE CAUSANT PAS DE DOMMAGES AU BOIS
- (71) **SUPERTRÆ A/S** [DK/DK]; Paalsgardvej 5, DK-7362 Hampen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENRIKSEN, Ole** [DK/DK]; Druevej 3, DK-9000 Ålborg (DK). **LARSEN, Tommy** [DK/DK]; Stillingvej 33, Øster Stilling, DK-4200 Slagelse (DK). **IVERSEN, Steen, Brummersted** [DK/DK]; Gøngehusvej 117, DK-2950 Vedbæk (DK). **FELSVANG, Karsten** [DK/DK]; Mosevej 2, DK-3450 Allerød (DK).
- (74) **RASMUSSEN, Preben et al.** / etc.; Internationalt 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 B27M 3/34, 3/36

(11) WO 03/095166 (13) A1

(21) PCT/DK03/00304

(22) 8 May/mai 2003 (08.05.2003)

(25) da (26) en

(30) PA 2002 00710 8 May/mai 2002 DK
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR
PRODUCTION OF BOXES, PRIMAR-
ILY FOR WINE BOTTLES

• APPAREIL ET PROCEDE DE PRO-
DUCTION DE BOITES, NOTAMMENT
POUR BOUTEILLES DE VIN

(71) DANBOX INTERNATIONAL APS
[DK/DK]; Frejasvej 30, DK-6000 Kold-
ing (DK).

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

(72, 75) LARSEN, Jørgen [DK/DK]; Frejasvej
30, DK-6000 Kolding (DK). PEDERSEN,
Keld [DK/DK]; Klinten 32, DK-6933 Kibæk
(DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000
Århus (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).

Published / Publiée : (c)

(51)⁷ B27N 3/14

(11) WO 03/095167 (13) A1

(21) PCT/IB03/01895

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PA 2002 00696 8 May/mai 2002 DK
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CHIP BOARD AND A PROCESS FOR
THE PREPARATION THEREOF

• PANNEAU DE COPEAUX ET PRO-
CEDE PERMETTANT DE PREPARER
CE PANNEAU

(71) INTER IKEA SYSTEMS B.V. [SE/NL]; 1,
Olof Palmestraat, NL-2616 Delft (NL).

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

(72, 75) ISAKSSON, Jan [SE/SE]; 2, Kris-
tianstadsgata, S-283 42 Osby (SE). NILS-
SON, Bo [SE/SE]; 10, Släntsigen, S-570 84
Mörlunda (SE).

(74) CHAS. HUDE A/S; 33, H.C. Andersens
Boulevard, DK-1780 Copenhagen V (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B28B 11/08, 1/093

(11) WO 03/095168 (13) A1

(21) PCT/EP03/04193

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 0210311.7 7 May/mai 2002 GB
(07.05.2002)

(30) 0228477.6 6 Dec/déc 2002 GB
(06.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR SURFACE TREAT-
MENT OF CLAY, CERAMIC OR CE-
MENTITIOUS ARTICLES

• PROCEDE DESTINE AU TRAITE-
MENT EN SURFACE D'ARTICLES EN
ARGILE, EN CERAMIQUE OU EN CI-
MENT

(71) BUILDMATE A/S [DK/DK]; Lucernevej
11, Klokkeholm, DK-9320 Hjøllerup (DK).

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

(72, 75) MUNCH-LAURSEN, Thomas
[DK/DK]; Buildmate A/S, Lucernevej 11,
Klokkeholm, DK-9320 Hjøllerup (DK).
PEDERSEN, Lars [DK/DK]; Buildmate
A/S, Lucernevej 11, Klokkeholm, DK-9320
Hjøllerup (DK).

(74) WALLS, Alan, James; K.R. Bryer & Co, 7
Gay Street, Bath BA1 2PH (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 B28D 5/00, B23D 47/00, H01L 21/00

(11) WO 03/095169 (13) A1

(21) PCT/SG03/00069

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/137,996 3 May/mai 2002 US
(03.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BI-DIRECTIONAL SINGULATION
SAW SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE SCIAGE
DE SEPARATION BIDIRECTION-
NELLE

(71) PRIMECA PTE LTD [SG/SG]; 36 Changi
South Street 1, Singapore 486766 (SG).

(72) CHUA, Eng, Hwa; Blk 531 Choa Chu Kang
Street 51 #05-321, Singapore 680531 (SG).
LIM, Ah, Beng; Blk 123, Riversale St., #12-
802, Singapore 540132 (SG). DIPRINZIO,
Steven, John; 11412 North Twin Spur Court,
Ora Valley, AZ 85737 (US).

(74) LAWRENCE Y D HO & ASSOCIATES
PTE LTD; 30 Bideford Road, #07-01,
Thongsia Building, Singapore 229922 (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 SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095170 (13) A2

(21) PCT/GB03/01911

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0210398.4 7 May/mai 2002 GB
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MANUFACTURE OF BOTTLE WITH
PUSH-ON CLOSURE

• FABRICATION D'UNE BOUTEILLE A
FERMETURE PAR PRESSION

(71) GAYDOG LIMITED [GB/GB]; 24-32 Lon-
don Road, Newbury, Berkshire RG14 1JX
(GB).

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

(72, 75) **BRITTON, Charles, Jonathan** [GB/GB]; 6 Elmvil Road, Ashchurch, Tewkesbury, Gloucestershire GL20 8DD (GB).

(74) **ABNETT, Richard, Charles; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 33/62, B29D 11/00 // B29K 71:00**

(11) **WO 03/095171** (13) A1

(21) PCT/EP03/04947

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 02010659.7 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PRETREATMENT OF CONTACT LENS MOULDS**

• **PRETRAITEMENT DE MOULES DE LENTILLES DE CONTACT**

(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, 1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **BOTHE, Harald** [DE/DE]; Alt Aurin-gen 33a, 65207 Wiesbaden (DE). **SEIFER-LING, Bernhard** [DE/DE]; Dr. Wohlfahrt Strasse 6, 63773 Goldbach (DE). **HEIN-RICH, Axel** [DE/DE]; Beethoven Strasse 53b, 63743 Aschaffenburg (DE). **MÜLLER, Achim** [DE/DE]; Auf der Stichel 10A, 63762 Grossostheim (DE).

(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).

(51)⁷ **B29C 41/14, C08J 5/02, C08L 11/02**

(11) **WO 03/095172** (13) A1

(21) PCT/GB03/02083

(22) **14 May/mai 2003 (14.05.2003)**

(25) en (26) en

(30) 0211027.8 **14 May/mai 2002 GB (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DOUBLE-DONNABLE GLOVE**

• **GANT SUPERPOSABLE**

(71) **SSL INTERNATIONAL** [GB/GB]; Research & Development, Unit 205, Cambridge Science Park, Milton Road, Cambridge CB4 4GZ (GB).

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

(72, 75) **TEOH, Seng, Chin** [MY/GB]; 20 Ward Close, Ware, Hertfordshire SG12 0BU (GB). **WILLIAMS, Peter, Wynne** [GB/MY]; 72-14-1 Jalan Scotland, 10450 Penang (MY).

(74) **WAIN, Christopher, Paul et al. / etc.; 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 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 **B29C 41/14, 41/22**

(11) **WO 03/095173** (13) A1

(21) PCT/US02/23471

(22) **24 Jul/juil 2002 (24.07.2002)**

(25) en (26) en

(30) 10/140,001 **6 May/mai 2002 US (06.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PROCESS FOR PRODUCING POLY-MERIC GLOVE, WHICH HAS DIFFERENT PROPERTIES AT OUTER AND INNER LAYERS, AND POLY-MERIC GLOVE PRODUCED BY SAME PROCESS**

• **PROCEDE DE PRODUCTION DE GANT POLYMERE, QUI PRESENTE DES PROPRIETES DIFFERENTES DANS LES COUCHES EXTERNE ET INTERNE, ET GANT POLYMERE OBTENU PAR CE PROCEDE**

(71) **WILSHIRE TECHNOLOGIES, INC.** [US/US]; 5861 Edison Place, Carlsbad, CA 92008 (US).

(72) **WARNEKE, Derek**; Wilshire Technologies, Inc., 5861 Edison Place, Carlsbad, CA 92008 (US). **JARED, Lee, John**; Wilshire Technologies, Inc., 4861 Edison Place, Carlsbad, CA 92008 (US).

(74) **HOOVER, Allen, J.**; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, 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 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 **B29C 41/18, 41/00, B29K 67/00**

(11) **WO 03/095174** (13) A1

(21) PCT/EP03/02697

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) en (26) en

(30) MI2002A001010 **13 May/mai 2002 IT (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **PROCESS FOR THE PREPARATION OF FILM COATINGS FOR THE FINISHING OF MOULDED ARTICLES**

• **PROCEDE DE FABRICATION DE REVETEMENTS PELLICULAIRES POUR LE FINISSAGE D'ARTICLES MOULES**

(71) **P.GROUP S.R.L.** [IT/IT]; Via C. Goldoni 11, I-20129 Milan (IT).

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

(72, 75) **BORTOLON, Vittorio** [IT/IT]; Via B. Luca Belludi 62, I-35123 Padova (IT). **SAVADORI, Tonino** [IT/IT]; Via Marzabotto 1/C, I-44038 Pontelagoscuro-Ferrara (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).

(51)⁷ **B29C 43/22, 59/04, G02F 1/1337**

(11) **WO 03/095175** (13) A2

(21) PCT/GB03/02015

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 02253326.9 **13 May/mai 2002 EP (13.05.2002)**

(30) 0227221.9 **21 Nov/nov 2002 GB (21.11.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **EMBOSSING METHOD AND APPARATUS**

• PROCEDE ET APPAREIL DE GAUFRAGE

(71) **ZBD DISPLAYS LTD** [GB/GB]; Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB).

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

(72, 75) **AMOS, Richard, Michael** [GB/GB]; ZBD Displays Ltd, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB). **BRYAN-BROWN, Guy, Peter** [GB/GB]; ZBD Displays Ltd, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB). **WOOD, Emma, Louise** [GB/GB]; ZBD Displays Ltd, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB). **JONES, John, Clifford** [GB/GB]; ZBD Displays Ltd, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB). **WORTHING, Philip, Thomas** [GB/GB]; ZBD Displays Ltd, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ (GB).

(74) **DAVIES, P.**; IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (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 **B29C 45/14, 45/16, 45/00, B26B 21/22, 21/06, 21/60**

(11) **WO 03/095176** (13) A2

(21) PCT/US03/13958

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) 10/142,123 **9 May/mai 2002 (09.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INSERT MOLDING RAZOR CARTRIDGES

• CARTOUCHES DE RASOIR A PIECE MOULEE RAPPORTEE

(63) US 10/142,123 (CON) 9 May/mai 2002 (09.05.2002)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, William, R., Jr.** [US/US]; 6 Gemma Drive, Peabody, MA 01960 (US).

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(74) **GALLOWAY, Peter, D.** 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 **B29C 45/50, 45/64, 45/40, 45/17, H02K 7/06**

(11) **WO 03/095177** (13) A1

(21) PCT/EP03/02590

(22) **13 Mar/mar 2003 (13.03.2003)**

(25) de (26) de

(30) 102 20 819.0 **10 May/mai 2002 (10.05.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LINEAR DRIVE FOR AN INJECTION MOULDING MACHINE

• ENTRAINEMENT LINEAIRE POUR PRESSE D'INJECTION

(71) **DEMAG ERGOTECH GMBH** [DE/DE]; Altdorfer Strasse 15, 90571 Schwaig (DE).

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(72, 75) **ICKINGER, Georg, Michael** [AT/AT]; Weg zum Reinerkogel 37, A-8010 Graz (AT).

(74) **WILHELM, Ludwig**; Mannesmann Plastics Machinery GmbH, FS, Krauss-Maffei-Strasse 2, 80997 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 **B29C 47/08, 47/40, F16H 1/22**

(11) **WO 03/095178** (13) A1

(21) PCT/EP03/04388

(22) **26 Apr/avr 2003 (26.04.2003)**

(25) de (26) de

(30) 102 20 552.3 **8 May/mai 2002 (08.05.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRIVE DEVICE FOR A MULTI-SHAFT EXTRUDER ROTATING IN THE SAME DIRECTION

• DISPOSITIF D'ENTRAÎNEMENT POUR EXTRUDEUSE MULTIVIS TOURNANT DANS LE MEME SENS

(71) **KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH** [DE/DE]; Krauss-Maffei-Strasse 2, 80997 München (DE).

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

(72, 75) **WOHLRAB, Walter** [DE/DE]; Heinrich-Stöhr-Strasse 5, 91781 Weissenburg (DE).

(74) **ZOLLNER, Richard**; mpm consulting & services GmbH, FS, Krauss-Maffei Str. 2, 80997 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 **B29C 49/46, B65B 3/02**

(11) **WO 03/095179** (13) A1

(21) PCT/FR03/01375

(22) **2 May/mai 2003 (02.05.2003)**

(25) fr (26) fr

(30) 02/05583 **3 May/mai 2002 (03.05.2002)** FR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PRODUCING A POLYESTER RESIN CONTAINER AND DEVICE FOR PERFORMING SAME

• PROCEDE DE FABRICATION D'UN CONTENANT EN RESINE POLYESTER ET DISPOSITIF POUR SA MISE EN ŒUVRE

(71) **NESTLE WATERS MANAGEMENT & TECHNOLOGY (SOCIETE ANONYME)** [FR/FR]; 20, rue Rouget de Lisle, F-92130 Issy-les-Moulineaux (FR).

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

(72, 75) DESANAU, Christophe [FR/FR]; Appt. 281, Bât. 19, 515, avenue Maurice Barres, F-88800 Vittel (FR). CONTAL, Alain [FR/FR]; 20, rue Côte Champion, F-88000 Epinal (FR). DENIS, Gérard [FR/FR]; 1bis, rue Jules Hansen, F-51100 Reims (FR).

(74) CABINET NUSS; 10, rue Jacques Kablé, F-67080 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 51/16

(11) WO 03/095180 (13) A1

(21) PCT/FR03/01397

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr

(30) 0205739 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INSTALLATION FOR THE THERMOFORMING PRODUCTION OF CONTAINERS AND FOR THE POSITIONING OF DECORATIVE BANDEROLLES THEREON

• INSTALLATION POUR FABRIQUER DES RECIPIENTS PAR THERMOFORMAGE AVEC MISE EN PLACE DE BANDEROLLES DE DECOR SUR CES RECIPIENTS

(71) ERCA FORMSEAL [FR/FR]; Z.I. de Courtaboeuf, F-91940 LES ULIS (FR).

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

(72, 75) RIOU, Jérôme [FR/FR]; 11 Rue de la Soupane, F-91650 BREUX-JOUY (FR). MICHELLON, Bernard [FR/FR]; 4 Rue Sainte Claire, F-78150 LE CHESNAY (FR).

(74) INTES, Didier 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).

Published / Publiée : (c)

(51)⁷ B29C 55/02

(11) WO 03/095181 (13) A1

(21) PCT/JP03/03194

(22) 17 Mar/mar 2003 (17.03.2003)

(25) ja (26) ja

(30) 2002-133262 8 May/mai 2002 JP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STRETCHABLE RESIN MOLDINGS AND PROCESS FOR PRODUCTION THEREOF

• MOULAGES DE RESINE ETIRABLES ET LEUR PROCEDE DE PRODUCTION

(71) NAGASE & CO., LTD. [JP/JP]; 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8668 (JP).

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

(72, 75) TOMURA, Tatsuya [JP/JP]; c/o NAGASE & CO., LTD., 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8668 (JP).

(74) NANJO, Hiromichi; 5th Floor, Okina Bldg., 2-9, Nishitenma 3-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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 67/00

(11) WO 03/095182 (13) A1

(21) PCT/GB03/01243

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0210780.3 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF PROCESSING A STACK OF COATINGS AND APPARATUS FOR PROCESSING A STACK OF COATINGS

• PROCEDE ET APPAREIL POUR TRAITER UN EMPILEMENT DE REVETEMENTS

(71, 72) HAYES, Jonathan [GB/GB]; 37 Cambridge Street, Houghborough, Leicestershire LE11 1NL (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 : (n)

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

(v) 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 B29C 67/00

(11) WO 03/095183 (13) A1

(21) PCT/GB03/01247

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0210778.7 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF REGISTERING AND BONDING COATINGS TO FORM A PART, APPARATUS FOR MANUFACTURING A PART

- PROCEDE D'ALIGNEMENT ET DE LIAISON DE REVETEMENTS POUR FORMER UNE PIECE, APPAREIL DE FABRICATION DE PIECES

(71, 72) HAYES, Jonathan [GB/GB]; 37 Cambridge Street, Loughborough, Leicestershire LE11 1NL (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 : (n)

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

(v) for all designations / pour toutes les désignations

(51)⁷ B29D 30/00, G09F 3/00, B65C 9/44

(11) WO 03/095184 (13) A1

(21) PCT/JP03/05994

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-137892 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR STAMPING LABEL ON TIRE

- DISPOSITIF ET PROCEDE POUR POSER UNE ETIQUETTE SUR UN PNEU

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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(72, 75) NISHIMOTO, Kichinosuke [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-city, Tokyo 187-0031 (JP). KOKUBU, Takao [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-city, Tokyo 187-0031 (JP). UTIDA, Norimitsu [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-city, Tokyo 187-0031 (JP).

(74) EHARA, Nozomu et al. / etc.; EHARA & ASSOCIATES, Sakaguchi Bldg., 3-3, Toranomon 2-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 B29D 30/24

(11) WO 03/095185 (13) A1

(21) PCT/SK03/00010

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PP 639-2002 7 May/mai 2002 SK (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TYRE BUILDING DRUM WITH TURN-UP DEVICE AND METHOD FOR PRODUCTION OF GREEN TYRES

- TAMBOUR POUR LA FABRICATION DE PNEUS EQUIPE D'UN DISPOSITIF DE RECOUVREMENT ET PROCEDE DE PRODUCTION DE PNEUS VERTS

(71) MATADOR A.S. [SK/SK]; Terézie Vansovej 1054, 020 01 Púchov (SK).

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(72, 75) ZEMLA, Jozef [SK/SK]; 1. mája 1160/40, 020 01 Púchov (SK). JANOVEC, Mário [SK/SK]; Rastislavova 1165/15, 020 01 Púchov (SK). BAKO, Stefan [SK/SK]; 1. mája 880, 020 01 Púchov (SK).

(74) MAJLINGOVÁ, Marta; Patent Attorney and Trademark Agent, MAJLINGOVÁ FAJNOROVÁ BACHRATÁ, Lietavská 9, 851 06 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) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/02, B21D 25/04, 22/22, 22/12

(11) WO 03/095186 (13) A1

(21) PCT/SE03/00256

(22) 17 Feb/fév 2003 (17.02.2003)

(25) sv (26) en

(30) 0201430-6 8 May/mai 2002 SE (08.05.2002)

(30) 60/380,327 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUID CELL PRESS WITH A GRIPPING ARRANGEMENT AND METHOD AND USE OF THE PRESS

- PRESSE A CAPSULES CONTENANT UN FLUIDE DOTEE D'UN MECANISME DE PREHENSION, ET PROCEDE ET UTILISATION D'UNE TELLE PRESSE

(71) FLOW HOLDINGS SAGL [CH/CH]; Via Cantonale, CH-6805 Mezzovico (CH).

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(72, 75) HELLGREN, Keijo [SE/SE]; Långdhoppargatan 5, S-722 41 Västerås (SE).

(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) 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 SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 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 SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B30B 15/24, B29C 33/24, 43/36 // 45/67, 35/00

(11) WO 03/095187 (13) A1

(21) PCT/US02/32590

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 09/982,902 18 Oct/oct 2001 US (18.10.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPRESSION MOLDING USING A SELF-ALIGNING AND ACTIVATING MOLD SYSTEM

- MOULAGE PAR COMPRESSION METTANT EN OEUVRE UN MECANISME DE D'OUVERTURE ET DE FERMETURE A ALIGNEMENT AUTOMATIQUE

(63) US 09/982,902 (CIP) 18 Oct/oct 2001 (18.10.2001)

(71) HARTWICK PROFESSIONALS, INC. [US/US]; 3125 Pine Tree Road, Suite 3C, Lansing, MI 48911 (US).

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

(72, 75) **NEWMAN, Craig, Alan** [US/US]; 2537 Kodiak Drive, East Lansing, MI 48823 (US). **NEATE, John, Aubrey** [GB/US]; 811 Topinabee Road, Niles, MI 49120 (US). **FEQUER, Thomas, Ray** [US/US]; 5134 Davis Highway, Grand Ledge, MI 48837 (US).

(74) **NABER, John, M.**; 313 South Washington Square, Lansing, MI 48933 (US).

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

(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 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 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 **B31D**

(11) **WO 03/095188** (13) A2

(21) PCT/GB03/01971

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210680.5 **9 May/mai 2002 (09.05.2002)** GB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS IN FIBROUS SHEETS
• AMÉLIORATIONS APPORTÉES A DES FEUILLES FIBREUSES

(71) **DE LA RUE INTERNATIONAL LIMITED** [GB/GB]; De La Rue House, Jays Close, Basingstoke, Hampshire RG22 4BS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATERS, Anthony, James** [GB/GB]; 175 Bloomfield Road, Bath, Bath and South East Somerset BA2 2AU (GB).

(74) **BUCKS, Teresa, Anne** 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **B32B 1/08, 1/10, E04F 17/04**

(11) **WO 03/095189** (13) A1

(21) PCT/US03/14889

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/141,595 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DUCT BOARD HAVING TWO FACINGS
• PANNEAU POUR CONDUIT PRESENTANT DEUX FACES

(71) **CERTAINTED CORPORATION** [US/US]; 750 East Swedesford Road, P. O. BOX 860, Valley Forge, PA 19482 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUID, John, O.** [US/US]; 9 Barley Sheaf Lane, Schwenksville, PA 19473 (US). **KRUPA, Edward** [US/US]; 29 Maple Avenue, Mountaintop, PA 18707 (US). **HOLLLOCK, Edward** [US/US]; 3769 Blythboin Road, Mountaintop, PA 18707 (US). **MATTIX, Gregory** [US/US]; 3 Tallowood Court, Collegeville, PA 19426 (US). **HILL, Michael** [US/US]; 150 Sutherland Drive, Mountaintop, PA 18707 (US). **DUNCAN, Richard** [US/US]; 528 Fruit Farm Road, Royersford, PA 19468 (US).

(74) **KOFFS, Steven, E.**; Duane, Morris & Heckscher 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 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 5/02, B29C 33/42**

(11) **WO 03/095190** (13) A1

(21) PCT/US03/15218

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,595 **13 May/mai 2002 (13.05.2002)** US

(30) 10/197,763 **17 Jul/juil 2002 (17.07.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN IMPROVED ADHESIVE MICROSTRUCTURE AND METHOD OF FORMING SAME

• MICROSTRUCTURE ADHESIVE AMÉLIORE, ET SON PROCÉDE DE REALISATION

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

(71, 72) **FEARING, Ronald, S.** [US/US]; 7010 Manila Avenue, El Cerrito, CA 94530 (US). **SITTI, Metin** [US/US]; 2708 Haste Street, #12, Berkeley, CA 94720 (US).

(74) **EGAN, William, J.**; BEYER WEAVER & THOMAS LLP, 2030 Addison Street, 7th Floor, Berkeley, CA 94704 (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 SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **B32B 5/18, 27/32**

(11) **WO 03/095191** (13) A1

(21) PCT/US02/29124

(22) **12 Sep/sep 2002 (12.09.2002)**

(25) en (26) en

(30) 10/141,031 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGHLY FILLED POLYPROPYLENE FILMS HAVING VOIDS

• FILMS EN POLYPROPYLENE A REMPLISSAGE ELEVE PRESENTANT DES VIDES

(71) **VIFAN USA, INC.** [—/US]; One Vifan Drive, Morristown, TN 37814 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DILUZIO, Vittoriano** [IT/US]; 1097 Hickory View Drive, Morristown, TN 37814

(US). **ALDER, Paul** [GB/CA]; 2106 Rue Moniere, Rawdon, Quebec J0K 1S0 (CA). **HEFFELFINGER, Michael, T.** [US/US]; 340 Double Springs Way, Alpharetta, GA 30004 (US).

(74) **HINKLE, James, A.**; Hinkle & O'Bradovich, LLC, 395 Scenic Highway, Lawrenceville, GA 30045 (US).

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

Published / Publiée : (c)

(51)⁷ **B32B 7/02**

(11) **WO 03/095192** (13) A1

(21) PCT/US03/01086

(22) **5 Feb/fév 2003 (05.02.2003)**

(25) en (26) en

(30) 60/378,411 **8 May/mai 2002 (08.05.2002)** US

(30) 10/245,505 **18 Sep/sep 2002 (18.09.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **INTERIOR WALLBOARD AND METHOD OF MAKING SAME**

• **PANNEAU DE REVETEMENT MURAL INTERIEUR ET SON PROCEDE DE FABRICATION**

(71) **GP GYPSUM CORPORATION** [US/US]; 133 Peachtree Street, N.E., Atlanta, Georgia 30303-1847 (US).

(72) **KOVAL, Francis, J.**; 102 Rice Mill, Saint Simons Island, GA 31522 (US). **NEAL, David, J.**; 147 Village Creek Way Circle, Saint Simons Island, GA 31522 (US). **SILVERSIDES, Richard**; 108 Grand Oaks, Saint Simons Island, GA 31522 (US). **RICCIO, Joseph, Jr.**; 26 Reynolds Street, Brunswick, GA 31520 (US). **RAYMOND, Charles, J.**; 1739 Regency Park Walk, Atlanta, GA 30341-1048 (US). **CUMMINS, Felmer, F.**; 206 Tennis Court Lane, Kennesaw, GA 30144 (US).

(74) **PORTER, H. Wayne**; Banner & Witcoff, LTD., 1001 G. Street, N.W., Washington, D.C. 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 9/00, C01G 23/04, C01F 7/02, C01B 33/113**

(11) **WO 03/095193** (13) A1

(21) PCT/JP03/05819

(22) **9 May/mai 2003 (09.05.2003)**

(25) ja (26) ja

(30) 2002/134314 **9 May/mai 2002 (09.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **THIN FILM MATERIAL AND METHOD FOR PREPARATION THEREOF**

• **MATÉRIAU DE FILM MINCE ET PROCÉDÉ DE PRÉPARATION ASSOCIÉ**

(71) **RIKEN** [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KUNITAKE, Toyoki** [JP/JP]; 1-19-3, Sakuraoaka, Shimemachi, Kasuya-gun, Fukuoka 811-2201 (JP).

(72, 75) **HASHIZUME, Mineo** [JP/JP]; Daigaku-shukusya A-505, 8916-5, Takayama-cho, Ikoma-shi, Nara 630-0101 (JP).

(74) **SIKS & CO.**; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AU 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 **B32B 07/00, G03C 11/08**

(11) **WO 03/095194** (13) A1

(21) PCT/US02/39490

(22) **9 Dec/déc 2002 (09.12.2002)**

(25) en (26) en

(30) 60/337,724 **10 Dec/déc 2001 (10.12.2001)** US

(30) 10/199,804 **19 Jul/juil 2002 (19.07.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **VISUAL IMAGES PRODUCED BY SURFACE PATTERNING**

• **IMAGES VISUELLES PRODUITES PAR FORMATION DE MOTIFS SUR DES SURFACES**

(71, 72) **HAMILTON, Matthew** [US/US]; 341 S. Smedley Street, Philadelphia, PA 19103 (US).

(72) **WALTERS, Russel**; 1922 Naudin Street, Philadelphia, PA 19146 (US). **KINNIER, Alex**; 60 Meadow Lane, Doylestown, PA 18901 (US).

(74) **DUNN McKAY, Diane**; Mathews, Collins, Shepherd & McKay, PA, Suite 306, 100 Thanet Circle, 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 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 **B32B 15/08, B05D 7/14, 7/24, C09D 5/08, 175/04, C23C 30/00**

(11) **WO 03/095195** (13) A1

(21) PCT/JP03/06027

(22) **14 May/mai 2003 (14.05.2003)**

(25) ja (26) ja

(30) 2002/139037 **14 May/mai 2002 (14.05.2002)** JP

(30) 2002/342467 **26 Nov/nov 2002 (26.11.2002)** JP

(30) 2002/342433 **26 Nov/nov 2002 (26.11.2002)** JP

(30) 2002/354714 **6 Dec/déc 2002 (06.12.2002)** JP

(30) 2002/354867 **6 Dec/déc 2002 (06.12.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **COATED METAL MATERIAL CAPABLE OF BEING WELDED WHICH IS EXCELLENT IN CORROSION RESISTANCE OF WORKED ZONE**

• **MATÉRIAU MÉTALLIQUE RECOUVERT POUVANT ÊTRE SOUDÉ PRÉSENTANT UNE EXCELLENTE RÉSISTANCE À LA CORROSION AU NIVEAU DE LA PARTIE TRAVAILLÉE**

(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) **YUASA, Kensei** [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). **FUDA, Masahiro** [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP).

(74) **AOKI, Atsushi 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 03/095196** (13) A1

(21) PCT/US03/13994

(22) **5 May/mai 2003 (05.05.2003)**

- (25) en (26) en
- (30) 10/139,766 **6 May/mai 2002** US
(06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • APPARATUS AND METHOD FOR HIGH THROUGHPUT ANALYSIS OF COMPOUND-MEMBRANE INTERACTIONS
• DISPOSITIF ET PROCÉDE D'ANALYSE HAUT DÉBIT DES INTERACTIONS ENTRE UN COMPOSÉ ET UNE MEMBRANE
- (71) TECHELAN, LLC. [US/US]; P.O. Box 1422, Mountainside, NJ 07092 (US).
- (72) FEYGIN, Ilya; 853 Hillside Avenue, Mountainside, NJ 07092 (US). KUSHAK, Rafail; 563 Washington Street, Apt. 26, Brookline, MA 02446 (US).
- (74) BREYER, Wayne, S.; DeMont & Breyer, LLC, 100 Commons Way, Suite 250, Holmdel, NJ 07733 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 B32B 27/12, D04H 13/00, C08J 5/18
- (11) WO 03/095197 (13) A1
- (21) PCT/US03/14016
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 60/379,677 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BREATHABLE ARTICLES
• ARTICLES IMPER-RESPIRANTS
- (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) MARTIN, Jill, M. [US/US]; 202 Walnut Cove Lane, Pearland, TX 77584 (US). CHAM, Pak-Meng [PT/US]; 315 Juniper Street, Lake Jackson, TX 77566 (US).
- (74) PLOTECHER, Gary, R. et al. / etc.; Whyte Hirschboeck Dudek S.C., Suite 2100, 111 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 27/10, B65D 65/40, 5/70
- (11) WO 03/095199 (13) A1
- (21) PCT/SE03/00686
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) 0201395-1 **7 May/mai 2002** SE
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PACKAGING LAMINATE, METHOD FOR ITS MANUFACTURING AND PACKAGING CONTAINER MANUFACTURED FROM THE PACKAGING LAMINATE
• STRATIFIÉ D'EMBALLAGE, SON PROCÉDE DE FABRICATION ET RÉCÉPIENT D'EMBALLAGE FABRIQUÉ
- A PARTIR DUDIT STRATIFIÉ D'EMBALLAGE
- (71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, av. Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOFT, Nils [SE/SE]; Grynbadgatan 18, S-211 33 Malmö (SE). FRANCESCO, Staffetti [IT/IT]; Via Cagnoli, 13, I-41100 Modena (IT). PERSSON, Fredrik [SE/SE]; Højeågatan 213, S-234 33 Lomma (SE). POSTOACA, Ion [IT/IT]; 26, via Don Minzoni, I-410 43 Formigine (IT).
- (74) PERSSON, Eva; AB Tetra Pak, Central Patent Department, Ruben Rausing's gata, S-221 86 Lund (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).
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- (51)⁷ B32B 27/32, B65D 65/40
- (11) WO 03/095200 (13) A1
- (21) PCT/SE03/00690
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) 0201396-9 **7 May/mai 2002** SE
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PACKAGING LAMINATE, METHOD FOR ITS MANUFACTURING AND PACKAGING CONTAINER MANUFACTURED FROM THE PACKAGING LAMINATE
• LAMINE D'EMBALLAGE, PROCÉDE PERMETTANT DE PRODUIRE CE LAMINE ET CONTENANT D'EMBALLAGE PRODUIT AVEC CE LAMINE D'EMBALLAGE.
- (71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, av. Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOFT, Nils [SE/SE]; Grynbadgatan 18, S-211 33 Malmö (SE). ANDERSSON, Thorbjörn [SE/SE]; Assarhussavägen 56, S-140 17 Södra Sandby (SE).
- (74) PERSSON, Eva; AB Tetra Pak, Central Patent Department, Ruben Rausing's gata, S-221 86 Lund (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.

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095201 (13) A1

(21) PCT/US03/12208

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 10/143,371 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-LAYER HEAT SEALABLE POLYOLEFIN FILM COMPRISING SKIN LAYER AND TRANSITION LAYER OF DIFFERING MELTING POINTS

• FILM DE POLYOLEFINE THERMO-SCCELLABLE MULTICOUCHES COMPRENANT UNE COUCHE FORMANT UNE PEAU SUPERFICIELLE ET UNE COUCHE DE TRANSITION PRESENTANT DES POINTS DE FUSION DIFFERENTS

(71) EXXONMOBIL CORPORATION [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).

(72) MIGLIORINI, Robert, A.; 26 Jennifer Drive, North Haven, CT 06473 (US). PELLINGRA, Salvatore, J.; 11918 Orchard Street, Wolcott, NY 14590 (US). SHEPPARD, Karen, A.; 33 Stoneleigh Trail, Victor, NY 14502 (US). LIESTMAN, David, A.; 1114 Avalon Haven Drive, North Haven, CT 06473 (US).

(74) JAMES, Rick, F.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 B32B 29/02, B44C 5/04

(11) WO 03/095202 (13) A1

(21) PCT/DE03/01207

(22) 11 Apr/avr 2003 (11.04.2003)

(25) de (26) de

(30) 102 20 501.9 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIRECTLY LAMINATED PLATE

• PANNEAU A STRATIFICATION DIRECTE

(71) AKZENTA PANELEE + PROFILE GMBH [DE/DE]; Werner-von-Siemens-Strasse 18-20, 56759 Kaisersesch (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EISERMANN, Ralf [DE/DE]; Am Reichsbach 18, 56812 Cochem (DE).

(74) LIPPERT, H., J.; Lippert, Stachow, Schmidt & Partner, Frankenforster Strasse 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ 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 B32B 31/10

(11) WO 03/095203 (13) A1

(21) PCT/US03/12826

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/140,325 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GUIDE STRUCTURE FOR A MASTER PROCESSING APPARATUS

• STRUCTURE DE GUIDAGE POUR APPAREIL DE TRAITEMENT PILOTE

(71) XYRON, INC. [US/US]; 15820 North 84th Street, Scottsdale, AZ 85260 (US).

(72) WORTH, Cory, William; 1019 N. First Drive #235A, Phoenix, AZ 85003 (US).

(74) COLLINS, Bryan, P. 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 B32B 31/20

(11) WO 03/095204 (13) A1

(21) PCT/KR03/00549

(22) 21 Mar/mar 2003 (21.03.2003)

(25) ko (26) en

(30) 10-2002-0015645 22 Mar/mar 2002 KR (22.03.2002)

(30) 10-2003-0017643 21 Mar/mar 2003 KR (21.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN IMPROVED THERMAL CONDUCTING SYSTEM AND LAMINATES PRODUCED THEREFROM

• SYSTEME DE CONDUCTION THERMIQUE PERFECTIONNE ET STRATIFIES FABRIQUES AU MOYEN DE CELUI-CI

(71) CSS TECHNOLOGIES CO., LTD. [KR/KR]; Ace Techno Tower III, Suite #405, 197-48 Guro-dong, Guro-Ku, Seoul 152-848 (KR). ANICO CORPORATION [KR/KR]; e-biz Center, Suite 808, 170-5, Guro-dong, Guro-gu, Seoul 152-847 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CHU, Myung Chul [KR/KR]; #A-1207, Kolon Lakepolis 1Cha Apartment, 865, Janghang-dong, Ilsan-gu, Gyeonggi-do 411-837 (KR). SHIM, W. Jaewoo [KR/KR]; #23-901, Hyundai Apartment, Ichon 1-dong, Yongsan-gu, Seoul 140-723 (KR).

(74) LEE, Ji-Yeon; 401, 898-16, Daechi-dong, Gangnam-gu, Seoul 135-840 (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 B41F

(11) WO 03/095205 (13) A2

(21) PCT/EP03/05064

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 608.2 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRINTING MACHINE

• PRESSE A IMPRIMER

(71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).

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

(72, 75) BLOM, Robert [DE/DE]; Salm-Horstmar-Strasse 32, 49545 Tecklenburg (DE). KOOPMANN, Dietmar [DE/DE]; Landberger Strasse 4a, 49536 Lienen-Kattenvenne (DE). ROGGE, Günter [DE/DE]; Industriestrasse 23, 49536 Lienen (DE).

(74) WEBER, Jan, Thorsten; Windmüller & Hölscher KG, Münsterstrasse 50, 49525 Lengerich (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).

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 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 B41F 9/10

(11) WO 03/095206 (13) A1

(21) PCT/EP03/04951

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 182.5 13 May/mai 2002 DE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRINTING MACHINE
• MACHINE A IMPRIMER

(71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUSCHULTE, Rainer [DE/DE]; Alter Schulweg 61, 49525 Lengerich (DE).

(74) WINDMÖLLER & HÖLSCHER KG; Münsterstrasse 50, 49525 Lengerich (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).

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 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 B41F 13/16, B41N 6/00, B41L 31/00, 38/00

(11) WO 03/095207 (13) A1

(21) PCT/ES02/00220

(22) 10 May/mai 2002 (10.05.2002)

(25) es (26) es

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR REMOVING PRINTING CYLINDER SLEEVES
• DISPOSITIF SERVANT A EXTRAIRE LES MANCHONS DE CYLINDRES D'IMPRESSION

(71) COMEXI, S.A. [ES/ES]; Pol. Industria de Girona, Av. Mas Pins, s/n, E-17457 Riudellots de la Selva (Girona) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIÑAS I TURRO, Miquel [ES/ES]; c/ Oviedo, 20, E-17005 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 B41F 27/12

(11) WO 03/095208 (13) A1

(21) PCT/DE03/01471

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 546.9 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR FIXING AT LEAST ONE FLEXIBLE LIFTING ELEMENT
• DISPOSITIF POUR FIXER AU MOINS UN ÉLÉMENT DE LEVAGE FLEXIBLE

(71) KOENIG AND 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) SCHNEIDER, Georg [DE/DE]; Fritz-Haber-Strasse 13, 97080 Würzburg (DE). SCHÄFER, Karl, Robert [DE/DE]; Brunnenstrasse 1, 97222 Rimpf (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 B41F 27/12

(11) WO 03/095209 (13) A1

(21) PCT/DE03/01472

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 548.5 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLEXIBLE LIFTING ELEMENT FOR USING ON A CYLINDER OF A ROTARY PRINTING MACHINE
• ÉLÉMENT DE LEVAGE FLEXIBLE POUR CYLINDRE DE PRESSE ROTATIVE

(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) SCHNEIDER, Georg [DE/DE]; Fritz-Haber-Str. 13, 97080 Würzburg (DE). SCHÄFER, Karl, Robert [DE/DE]; Brunnenstr. 1, 97222 Rimpf (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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 B41J

(11) WO 03/095210 (13) A2

(21) PCT/US03/14658

(22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en
(30) 60/379,646 **10 May/mai 2002** US
(10.05.2002)
(30) 60/379,704 **10 May/mai 2002** US
(10.05.2002)
(30) 10/289,962 **6 Nov/nov 2002** US
(06.11.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • IDENTIFICATION CARD PRINTED WITH JET INKS AND SYSTEMS AND METHODS OF MAKING SAME
• CARTE D'IDENTIFICATION IMPRIMÉE À L'AIDE D'ENCRE PAR JET ET SYSTÈMES ET PROCÉDES POUR SA FABRICATION
(71) DIGIMARC ID SYSTEMS, LLC [US/US]; Suite 250, 19801 SW 72nd Avenue, Tualatin, OR 97062 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JONES, Robert [US/US]; 1 Coventry Lane, Andover, MA 01810 (US). BI, Daoshen [US/US]; 58 Loring Avenue, Boxborough, MA 01719 (US). MAILLOUX, Dennis [US/US]; 38 Church Street, Westminster, MA 01473 (US).
(74) DOWNING, Marianne, McLaughlin; Digimarc ID Systems, LLC, Suite 250, 19801 SW 72nd Avenue, Tualatin, OR 97062 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 B41J 2/05, 2/01
(11) WO 03/095211 (13) A1
(21) PCT/JP03/05657
(22) 6 May/mai 2003 (06.05.2003)
(25) ja (26) ja
(30) 2002-133119 **8 May/mai 2002** JP
(08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • LIQUID EJECTION HEAD, LIQUID EJECTOR AND METHOD FOR EJECTING LIQUID
• TÊTE D'ÉJECTION DE LIQUIDE, ÉJECTEUR DE LIQUIDE ET PROCÉDE D'ÉJECTION DE LIQUIDE
(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) IKEMOTO, Yuichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). USHINOHAMA, Iwao [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 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 B41J 2/525, H04N 1/46, 1/60, 1/23, G06T 1/00, B41J 2/21
(11) WO 03/095212 (13) A1
(21) PCT/JP03/05776
(22) 8 May/mai 2003 (08.05.2003)
(25) en (26) en
(30) 2002-136138 **10 May/mai 2002** JP
(10.05.2002)
(30) 2002-136139 **10 May/mai 2002** JP
(10.05.2002)
(30) 2002-221825 **30 Jul/juil 2002** JP
(30.07.2002)
(30) 2002-221826 **30 Jul/juil 2002** JP
(30.07.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • REPRODUCTION COLOR PREDICTION APPARATUS AND METHOD
• APPAREIL ET PROCÉDE DE PRÉVISION DES COULEURS REPRODUITES
(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) TAKAHASHI, Kosei [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). YAMADA, Osamu [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 FR GB GR HU IE IT LU MC 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).
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- (51)⁷ B41J 13/00, 11/00, B42F 21/02, G06F 3/12, G03G 15/00, H04N 1/32, B41J 11/48
(11) WO 03/095213 (13) A1
(21) PCT/EP03/04789
(22) 7 May/mai 2003 (07.05.2003)
(25) de (26) de
(30) 102 20 645.7 **8 May/mai 2002** DE
(08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD, PRINTING APPLIANCE AND COMPUTER PROGRAM PRODUCT FOR PRINTING A FILE ON A STACK OF SHEETS CONTAINING INSERTED INDEX SHEETS
• PROCÉDE, APPAREIL D'IMPRESSION ET PRODUIT PROGRAMME D'ORDINATEUR DESTINÉ À L'IMPRESSION D'UN FICHIER SUR DES FEUILLES AVEC DES FEUILLES REGISTRES INTERCALÉES
(71) OCE PRINTING SYSTEMS GMBH [DE/DE]; Siemensallee 2, 85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHWIER, Hartwig [DE/DE]; Oderstrasse 32, 81677 München (DE). JÖRGENS, Dieter [DE/DE]; Rossinistrasse 11, 85598 Baldham (DE). DREXLER, Hubert [DE/DE]; Hochriesstrasse 16, 84416 Taufkirchen (DE). BÄUMLER, Ulrich [DE/DE]; Carl-Spitzweg-Strasse 13, 85586 Poing (DE).
(74) SCHAUMBURG, Karl-Heinz; Thoenes, Dieter, Thurn, Gerhard, Postfach 86 07 48, 81634 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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- Published / Publiée : (c)
(51)⁷ B41J 33/24, 33/14
(11) WO 03/095214 (13) A1
(21) PCT/US03/00731
(22) 10 Jan/jan 2003 (10.01.2003)
(25) en (26) en
(30) 10/141,322 **8 May/mai 2002** US
(08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • THERMAL RIBBON CARTRIDGE OR ROLL WITH SLACK RIBBON RETRACTION
• CARTOUCHE OU ROULEAU DE RUBAN THERMIQUE À RÉTRACTION DE PARTIE DESSERRÉE
(71) ZIH CORPORATION [US/US]; 1201 Market Street, Wilmington, DE 19801 (US).
(72) POOLE, David, L.; 459 E. Thornhill Lane, Palatine, IL 60071 (US).
(74) COHEN, Eric, D. et al. / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 S. Riverside Plaza, Chicago, IL 60606 (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).

(51)⁷ B41J 35/18, 23/02

(11) WO 03/095215 (13) A1

(21) PCT/JP03/05827

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-133956 9 May/mai 2002 JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRINTER
• IMPRIMANTE

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWATA, Yasuo [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). HASEGAWA, Kazumi [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) YAMAMOTO, Toshitake; 301, Ogikubo Sunny Garden, 28-9, Ogikubo 4-chome, Sug-inami-ku, Tokyo 167-0051 (JP).

(81) CN JP US.

(51)⁷ B41J 35/36, 2/325, 3/407, 33/36, B41F 17/16

(11) WO 03/095216 (13) A1

(21) PCT/US03/14472

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/143,458 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONITORING CONSUMPTION OF PRINT RIBBON FOR PRINTERS
• CONTROLE DE LA CONSOMMATION DE RUBAN D'IMPRIMANTE POUR IMPRIMANTES

(71) RIMAGE CORPORATION [US/US]; 7725 Washington Avenue South, Minneapolis, MN 55439 (US).

(72) ROTHER, David, J.; 3665 Red Wing Boulevard, Hastings, MN 55033 (US).

(74) POLGLAZE, Daniel, J.; Leffert Jay & Polglaze, P.A., P.O. Box 581009, Minneapolis, MN 55458-1009 (US).

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

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/18, 3/14

(11) WO 03/095217 (13) A1

(21) PCT/GB03/01897

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0210367.9 7 May/mai 2002 GB
(07.05.2002)

(30) 0219232.6 17 Aug/août 2002 GB
(17.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS IN PRINTING PROCESSES USING METALLIC INKS
• AMELIORATIONS ASSOCIEES A DES PROCEDES D'IMPRESSION AU MOYEN D'ENCRE METALLIQUES

(71) METALFX TECHNOLOGY LIMITED [GB/GB]; The Sidings, Station Road, Guiseley, Leeds LS20 8BX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AINGE, Andrew [GB/GB]; The Sidings, Station Road, Guiseley, Leeds LS20 8BX (GB).

(74) BAILEY WALSH & CO; 5 York Place, Leeds LS1 2SD (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 B41M 3/14, B42D 15/10

(11) WO 03/095218 (13) A1

(21) PCT/AU03/00536

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PS 2210 9 May/mai 2002 AU
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SECURITY DOCUMENT WITH BIOMETRIC OR PHOTOGRAPHIC IMAGE
• DOCUMENT DE SECURITE PRESENTANT UN IMAGE BIOMETRIQUE OU PHOTOGRAPHIQUE

(71) SECURENCY PTY LTD [AU/AU]; Hume Highway, Craigieburn, Victoria 3064 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEMETH, Joshua, Robert [AU/AU]; 17/129 Ormond Esplanade, Elwood, Victoria 3184 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/30

(11) WO 03/095219 (13) A1

(21) PCT/JP02/07912

(22) 2 Aug/août 2002 (02.08.2002)

(25) ja (26) ja

(30) 2002-137905 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THERMAL RECORDING MATERIAL
• MATERIAU D'ENREGISTREMENT THERMIQUE

(71) OJI PAPER CO., LTD. [JP/JP]; 7-5, Ginza 4-chome, Chuo-ku, Tokyo 104-0061 (JP).

(72) SEKI, Shigetoshi; 3-9-3-304, Jokoji, Amagasaki-shi, Hyogo 660-0811 (JP). HATA, Toshiro; 3-9-35-506, Jokoji, Amagasaki-shi, Hyogo 660-0811 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) CN KR.

(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 B41N 3/08

(11) WO 03/095220 (13) A1

(21) PCT/US02/14349

(22) 7 May/mai 2002 (07.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTINUOUS CONDITIONING SYSTEM FOR CLEANING A PRINTING PRESS AND METHOD OF USING SAME
• SYSTEME CONTINU DE CONDITIONNEMENT ET PROCEDE D'UTILISATION ASSOCIE

(71) BALDWIN GRAPHIC SYSTEMS, INC. [US/US]; 12 Commerce Drive, Shelton, CT 06484-0941 (US).

(72) PORAT, Avi-Ben; 17 Knob Hill Road, Norwalk, CT 06851 (US).

(74) MCWHA, Keith, J.; Morgan & Finnegan, 345 Park Avenue, 22nd Floor, 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

(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 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).

(51)⁷ B42D 15/00

(11) WO 03/095221 (13) A2

(21) PCT/AT03/00135

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) A 736/2002 14 May/mai 2002 AT (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SECURITY DOCUMENT WITH AN OPTICAL SECURITY AREA

• DOCUMENT DE VALEUR A ZONE DE SECURITE OPTIQUE

(71) OESTERREICHISCHE BANKNOTEN-UND SICHERHEITSDRUCK GMBH [AT/AT]; Garnisongasse 15, A-1096 Wien (AT).

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

(72, 75) DEINHAMMER, Harald [AT/AT]; Liechtensteinstrasse 61, A-1090 Wien (AT). LOOS, Franz [AT/AT]; Grüne Stube 10, A-1140 Wien (AT).

(74) GIBLER, Ferdinand; Dorotheergasse 7/14, 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).

(51)⁷ B42D 15/00

(11) WO 03/095222 (13) A1

(21) PCT/EP03/04791

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 641.4 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VALUE DOCUMENT AND METHOD AND DEVICE FOR THE PRODUCTION THEREOF

• PAPIER FIDUCIAIRE AINSI QUE SON PROCEDE ET SON DISPOSITIF DE PRODUCTION

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

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

(72, 75) GIRNGHUBER, Monika [DE/DE]; Auenstrasse 34, 80469 München (DE). RÖRIG, Petra [DE/DE]; Raiffeisenring 9, 86415 Mering (DE). SCHALLER, Christian [DE/DE]; Taimershofstrasse 22, 81927 München (DE). SÜGGELER, Rainer [DE/DE]; Gabrielenstrasse 2, 80636 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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 B42D 15/02, G09F 19/00

(11) WO 03/095223 (13) A1

(21) PCT/JP03/05903

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-135768 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BOARD FOR SENDING CARD, CARD SENDING BOARD FOLDING DEVICE, PRINTING SYSTEM, AND CONTROL PROGRAM

• SUPPORT D'ENVOI DE CARTE, DISPOSITIF DE PLIAGE DE SUPPORT D'ENVOI DE CARTE, SYSTEME D'IMPRESSION ET PROGRAMME DE COMMANDE

(71, 72) AOYAGI, Suguru [JP/JP]; 4-15-40-301, Minami-aoyama, Minato-ku, Tokyo 107-0062 (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).

(51)⁷ B42D 15/04, B65D 27/00

(11) WO 03/095224 (13) A1

(21) PCT/HR03/00011

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) P20020407A 10 May/mai 2002 HR (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTERACTIVE CD-ROM POSTCARD

• CARTE POSTALE INTERACTIVE AVEC DISQUE OPTIQUE COMPACT (CD-ROM)

(71) GIDEON D.O.O. [HR/HR]; Dubrovacka 33, 21000 Split (HR).

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

(72, 75) KRANJCEVIC, Boran [HR/HR]; Sukoisanska 16, 21000 Split (HR). GRGIC, Marko [HR/HR]; Ulica mladih 14, 21211 Vranjic (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 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 B42D 15/10, B41M 3/14, 5/26, G03C 5/08

(11) WO 03/095225 (13) A1

(21) PCT/DE02/01676

(22) 8 May/mai 2002 (08.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTILAYER BODY WITH A LAYER HAVING AT LEAST ONE LASER-SENSITIVE MATERIAL

• CORPS MULTICOUCHE COMPRENANT AU MOINS UNE COUCHE PRESENTANT UN MATERIAU SENSIBLE AU LASER

(71) LEONHARD KURZ GMBH & CO. KG [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE). ORGA KARTENSYSTEME GMBH [DE/DE]; Am Hoppenhof 33, 33104 Paderborn (DE).

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

(72, 75) LUTZ, Norbert [DE/DE]; Am Waldfriedhof 7, 90607 Rückersdorf (DE). ZINER, Gerhard [DE/DE]; Blütenstrasse 16, 91227 Leinburg (DE). SCHUMACHER, Matthias [DE/DE]; Pöppenweg 5a, 33178 Borcheln (DE). KNAACK, Ulrich [DE/DE];

- Stephanus Strasse 65, 33098 Paderborn (DE). **FISCHER, Dirk** [DE/DE]; Anemonenweg 3, 33106 Paderborn (DE).
- (74) **KÖHLER, Walter**; Louis, Pöhlau, Lohrentz & Segeth, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **B42D 15/10, G03C 5/08, B41M 3/14, 5/26**
- (11) **WO 03/095226** (13) A1
- (21) PCT/DE02/01678
- (22) **8 May/mai 2002 (08.05.2002)**
- (25) de (26) de
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MULTILAYER IMAGE, PARTICULARLY A MULTICOLOR IMAGE
- IMAGE MULTICOUCHE, EN PARTICULIER IMAGE MULTICOLORE
- (71) **LEONHARD KURZ GMBH & CO. KG** [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE). **ORGA KARTENSYSTEME GMBH** [DE/DE]; Am Hoppenhof 33, 33104 Paderborn (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LUTZ, Norbert** [DE/DE]; Am Waldfriedhof 7, 90607 Rückersdorf (DE). **ZINNER, Gerhard** [DE/DE]; Blütenstrasse 16, 91227 Leinburg (DE). **SCHUMACHER, Matthias** [DE/DE]; Pöppenweg 5a, 33178 Borcheln (DE). **KNAACK, Ulrich** [DE/DE]; Stephanus Strasse 65, 33098 Paderborn (DE). **FISCHER, Dirk** [DE/DE]; Anemonenweg 3, 33106 Paderborn (DE).
- (74) **KÖHLER, Walter**; Louis, Pöhlau, Lohrentz & Segeth, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **B42D 15/10**
- (11) **WO 03/095228** (13) A1
- (21) PCT/EP03/04023
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) de (26) de
- (30) 02010745.4 **14 May/mai 2002 (14.05.2002)** EP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OPTICALLY VARIABLE ELEMENT COMPRISING A SEQUENCE OF THIN-FILM LAYERS
- ELEMENT OPTIQUEMENT VARIABLE COMPORTANT UNE SERIE DE COUCHES CONSTITUEES D'UN FILM MINCE
- (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) **WILD, Heinrich** [DE/DE]; Margaritenstrasse 2, 91074 Herzogenaurach (DE). **BREHM, Ludwig** [DE/DE]; Vogtlandstrasse 16, 91352 Adelsdorf (DE).
- (74) **ZINSINGER, Norbert et al.** / etc.; Louis . Pöhlau . Lohrentz, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/10**
- (11) **WO 03/095227** (13) A1
- (21) PCT/EP03/04022
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) de (26) de
- (30) 02010729.8 **14 May/mai 2002 (14.05.2002)** EP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OPTICALLY VARIABLE ELEMENT COMPRISING A PARTIALLY TRANSPARENT ELEMENT
- ELEMENT OPTIQUEMENT VARIABLE COMPORTANT UN ELEMENT PARTIEL TRANSPARENT
- (71) **LEONHARD KURZ GMBH & co. KG.** [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE).
- (only for / seulement pour US)*
- (72, 75) **WILD, Heinrich** [DE/DE]; Margaritenstrasse 2, 91074 Herzogenaurach (DE). **BREHM, Ludwig** [DE/DE]; Vogtlandstrasse 16, 91352 Adelsdorf (DE).
- (74) **ZINSINGER, Norbert et al.** / etc.; Louis . Pöhlau . Lohrentz, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B42F 7/06, 13/00, B65D 27/00**
- (11) **WO 03/095229** (13) A1
- (21) PCT/MX02/00039
- (22) **14 May/mai 2002 (14.05.2002)**
- (25) es (26) es
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DEVICE FOR SECURING THE CONTENTS OF FOLDERS
- DISPOSITIF DE FIXATION DU CONTENU D'UNE CHEMISE A DOSIER
- (71) **NOZALA, S.A. de C.V.** [MX/MX]; Calle Poniente 128 No. 745, Colonia Industrial Vallejo, Delegación Azcapotzalco, México, D.F. 02300 (MX).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TORRE SIERRA, Pablo** [MX/MX]; Calle Poniente 128 No. 745, Colonia Industrial Vallejo, Delegación Azcapotzalco, México, D.F. 02300 (MX).
- (74) **MALDONADO PEREZ, Juan, Carlos et al.** / etc.; Avenida Insurgentes Sur 1673, Despacho 603, Colonia Guadalupe Inn, Delegación Benito Juárez, México, D.F. 01020 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **B43K**
- (11) **WO 03/095230** (13) A2
- (21) PCT/GB03/01908
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) en (26) en
- (30) 0210368.7 **7 May/mai 2002 (07.05.2002)** GB
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MARKER PENS
- MARQUEURS
- (71) **THE TJL PARTNERSHIP** [GB/GB]; Fernleigh House, Palace Road, Douglas, Isle of Man IM2 4LB (GB).
- (for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OSBORNE, Andrew, John** [GB/GB]; 3 School Road, Upper Beeding, West Sussex BN44 3HY (GB).

(74) **FRY, Alan, Valentine** 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).

(51)⁷ **B43K 8/04, 5/12, 5/18, 7/06, 7/10**

(11) **WO 03/095231** (13) A1

(21) PCT/JP03/05952

(22) **13 May/mai 2003 (13.05.2003)**

(25) ja (26) ja

(30) 2002-138517 **14 May/mai 2002** JP (14.05.2002)

(30) 2002-138518 **14 May/mai 2002** JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **WRITING UTENSIL**
• **INSTRUMENT D'ECRITURE**

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(72, 75) **KOYAMA, Takao** [JP/JP]; c/o Mitsubishi Pencil Kabushiki, Kaisha Gunma Research and Development Center, 1091, Tatsuishi, Fujioka-shi, Gunma 375-8501 (JP).

(74) **FUJIMOTO, Eisuke** et al. / etc.; c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 **B43M 3/04**

(11) **WO 03/095232** (13) A1

(21) PCT/EP03/04885

(22) **9 May/mai 2003 (09.05.2003)**

(25) de

(30) 102 20 908.1 **10 May/mai 2002** DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **INSERTER STATION FOR MAIL PROCESSING SYSTEMS**

• **STATION DE MISE SOUS ENVELOPPE POUR DES SYSTEMES DE TRAITEMENT DE COURRIER**

(71) **PITNEY BOWES DEUTSCHLAND GMBH** [DE/DE]; Grüner Weg 8, 61169 Friedberg (DE).
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(72, 75) **STING, Martin** [DE/DE]; Hinter der Mauer 68, 61118 Bad Vilbel (DE).

(74) **KUHNEN & WACKER**; Patent- und Rechtsanwaltsbüro, Prinz-Ludwig-Strasse 40A, 85354 Freising (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B44B 3/06, B23Q 11/00**

(11) **WO 03/095233** (13) A1

(21) PCT/FR03/01036

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

(25) fr (26) fr

(30) 02/05672 **7 May/mai 2002** FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ETCHING STYLUS**

• **STYLET DE GRAVAGE**

(71, 72) **LABBE, Liliane** [FR/FR]; 28, rue Condorcet, B.P. 101, F-95157 Taverny 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).

(51)⁷ **B44C**

(11) **WO 03/095234** (13) A2

(21) PCT/US03/14344

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/142,665 **8 May/mai 2002** US (08.05.2002)

(30) 10/324,166 **19 Dec/déc 2002** US (19.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DELICES, SYSTEMS AND METHODS FOR USE IN FABRICATING DOORLITES, SIDELITES, WINDOWS, WINDOW PANES AND THE LIKE**

• **DISPOSITIFS, SYSTEMES ET PROCEDES UTILISES DANS LA FABRICATION DE VITRES DE PORTES, DE VITRES LATERALES, DE FENETRES, DE CARREAUX DE FENETRES ET AUTRES ELEMENTS DE CE TYPE**

(71, 72) **CHARLTON, Tomas, Jesse** [US/US]; 13621 4th Avenue Northeast, Seattle, WA 98125 (US). **MURRAY, Frank, Ross** [CA/US]; 10516 Southest 28th Street, Beaux Arts, WA 98004 (US).

(74) **COSTANZA, Kevin, S.** 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 **B44C 1/00**

(11) **WO 03/095235** (13) A2

(21) PCT/US03/09344

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) en (26) en

(30) 10/139,979 **7 May/mai 2002** US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **LOW GLOSS AUTOMOTIVE INTERIOR LAMINATES**

• **STRATIFIES A FAIBLE BRILLANCE POUR INTERIEUR D'AUTOMOBILE**

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 N. Orange Grove Boulevard, Pasadena, CA 91103 (US).
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(72, 75) **JONES, Kyle, R.** [US/US]; 9961 Tyler Street, Crown Point, IN 46307 (US).

(74) **MAXWELL, Walter, G.**; Christie, Parker & Hale, LLP, Post Office 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

NL PT 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 1/16

(11) WO 03/095236 (13) A2

(21) PCT/US03/14478

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,779 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTILAYER COMPOSITE FOR THE DRY TRANSFER OF GRAPHICS TO RECEPTIVE SUBSTRATES

• COMPOSITE MULTICOUCHE POUR LE TRANSFERT A SEC DE GRAPHIQUES SUR DES SUBSTRATS DE RECEPTION

(71) FLEXCON COMPANY, INC. [US/US]; 1 Flexcon Industrial Park, Spencer, MA 01562-2642 (US).

(72) EMERY, Philip, R.; 11 Flynt Street, Palmer, MA 01069 (US). SKOV, Richard, T.; 18 William Casey Road, Spencer, MA 01562 (US).

(74) GAUTHIER, Maurice, 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 B44C 1/17, 1/10, B29C 37/00

(11) WO 03/095237 (13) A1

(21) PCT/EP02/05408

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF DECORATING LARGE PLASTIC 3D OBJECTS

• PROCEDE DE DECORATION DE GRANDS OBJETS TRIDIMENSIONNELS EN PLASTIQUE

(71) LEONHARD KURZ GMBH & CO. KG [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE).

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(72, 75) KONDO, Hiroko [JP/JP]; 19-10 Miashinmachi, Okazaki-shi, Aichi-ken (JP).

(74) KÖHLER, Walter; Louis, Pöhlau, Lohrenz & Segeth, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 B44C 1/17, B41M 1/30

(11) WO 03/095238 (13) A1

(21) PCT/US03/15043

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,224 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARTICLES AND METHODS FOR APPLYING COLOR ON SURFACES

• ARTICLES ET PROCEDES POUR L'APPLICATION DE COULEUR SUR DES SURFACES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) STEINHARDT, Mark, John; 8387 Chesney Lane, Cincinnati, OH 45249 (US). PALLOTTA, Shawn, Christopher; 479 Bunchberry Drive, Maineville, OH 45039 (US). PROSISE, Robert, Lawrence; 7104 Larchwood Drive, Cincinnati, OH 45241 (US). TOUSSANT, John, William; 8169 Shadybrook Drive, West Chester, OH 45069 (US). WNUK, Andrew, Julian; 450 Hidden Valley Lane, Wyoming, OH 45215 (US). KINSEY, Von, Adoniram; 6241 Shagbark Drive, Loveland, OH 45140 (US). KAMINSKI, Anneke, Margaret; 2522 Ingleside Avenue, Cincinnati, OH 45206 (US). PAWLKOWSKI, Julie, Ann; 8020 Buckland Drive, Cincinnati, OH 45249 (US). HALL, Bruce, Neil; 4094 West Fork Road, Cincinnati, OH 45247 (US). WESTENDORF, Roxanne, Drago; 10296 Deerhollow Drive, Cincinnati, OH 45252 (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 B44C 1/22, C03C 15/00, H01L 21/00

(11) WO 03/095239 (13) A1

(21) PCT/US03/14562

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,381 8 May/mai 2002 US (08.05.2002)

(30) 10/318,664 12 Dec/déc 2002 US (12.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IN-SITU THERMAL CHAMBER CLEANING

• NETTOYAGE THERMIQUE D'ENCEINTE <I>IN SITU</I>

(71) ASML US, INC. [US/US]; 440 Kings Village Road, Scotts Valley, CA 95066 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERRING, Robert, B. [US/US]; 1116 Queen Anne Drive, San Jose, CA 95129 (US). SISSON, Joseph, C. [US/US]; 22 Karen Drive, Watsonville, CA 95076 (US). SENZAKI, Yoshihide [JP/US]; 400 Clubhouse Drive, Aptos, CA 95003 (US).

(74) SWIATEK, Maria, S. 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).

(51)⁷ B60B

(11) WO 03/095240 (13) A2

(21) PCT/US03/14477

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,767 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WHEEL END WITH ROTATION SENSOR

• EXTREMITE D'ESSIEU DOTEE D'UN CAPTEUR DE ROTATION

(71) THE TIMKEN COMPANY [US/US]; 1835 DUEBER AVENUE S.W., CANTON, OH 44706 (US).

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(72, 75) JOKI, Mark A. [US/US]; 5930 NORTH AMERICAN ROAD, DOVER, OH 44622

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(74) **BOESCHENSTEIN, Edward A.**; POLSTER, LIEDER, WOODRUFF & LUCCHESI, L.C., 763 SOUTH 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 **B60B 7/00**

(11) **WO 03/095241** (13) A1

(21) PCT/KR03/00929

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 20-2002-0014491 **13 May/mai 2002** KR (13.05.2002)

(30) 20-2003-0000864 **10 Jan/jan 2003** KR (10.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLUTCHED WHEEL
• ROUE EMBRAYABLE

(71, 72) **YUN, Yong-Sang** [KR/KR]; 103 Dong, Hyundai Highville, Apt.206, Kyo Dong, Kang Nung, Gangwon-do 210-100 (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 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 **B60C 9/22**

(11) **WO 03/095242** (13) A1

(21) PCT/EP03/04873

(22) **9 May/mai 2003 (09.05.2003)**

(25) fr (26) fr

(30) 02/05820 **10 May/mai 2002** FR (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TWO-WHEELER TYRE
• PNEUMATIQUE POUR DEUX ROUES

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, Rue Breschet, F-63000 Clermont-Ferrand (FR).

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(71) **MICHELIN RECHERCHE ET TECHNIQUES S.A.** [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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(72, 75) **CHAYLARD, Yann** [FR/FR]; 10, rue A. Geneix, F-63100 Clermont-Ferrand (FR).

(74) **LE CAM, Stéphane**; 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).

(51)⁷ **B60C 23/04**

(11) **WO 03/095243** (13) A1

(21) PCT/US03/13512

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(30) 10/140,607 **7 May/mai 2002** US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONITORING DEVICE AND PATCH ASSEMBLY
• ENSEMBLE DISPOSITIF DE CONTROLE ET PIECE

(71) **BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC** [US/US]; 535 Marriott Drive, Nashville, TN 37214 (US).

(72) **KOCH, Russell, W.**; 2135 Howard Street, Hartville, OH 44632 (US). **PRZYGOCKI, David, A.**; 627 Allen Dr., Longmont, CO 80503 (US). **SEARS, Robert, J.**; 670 Cody Court, Lakewood, OH 80215 (US). **LOUDIN, Philip, B.**; 6765 Bugle Court, Boulder, CO 80301 (US).

(74) **SAND, Michael et al.** / etc.; Sand & Sebolt, Aegis Tower, Suite 1100, 4940 Munson St. NW, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/095244** (13) A1

(21) PCT/US03/14140

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 10/143,535 **10 May/mai 2002** US (10.05.2002)

(30) 10/345,040 **15 Jan/jan 2003** US (15.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR GENERATING ELECTRIC POWER FROM A ROTATING TIRE'S MECHANICAL ENERGY USING REINFORCED PIEZOELECTRIC MATERIALS

• SYSTEME POUR LA PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR DE L'ENERGIE MECANIQUE D'UN PNEUMATIQUE EN ROTATION, PAR LE BIAIS DE MATERIAUX PIEZO-ELECTRIQUES RENFORCES

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille, 10 et 12, CH-1763 Granges-Paccot (CH).

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(72, 75) **ADAMSON, John, D.** [US/US]; 101 Red Oak Court, Simpsonville, SC 29681 (US). **O'BRIEN, George, P.** [US/US]; 142 Wren School Road, Piedmont, SC 29673 (US).

(74) **FARRELL, Martin**; Michelin North America, Inc., Intellectual Property Department, 515 Michelin Road, Greenville, SC 29605 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095245** (13) A1

(21) PCT/US03/14836

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/143,535 **10 May/mai 2002** US (10.05.2002)

(30) 10/345,040 **15 Jan/jan 2003** US (15.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SYSTEM FOR GENERATING ELECTRIC POWER FROM A ROTATING TIRE'S MECHANICAL ENERGY USING REINFORCED PIEZOELECTRIC MATERIALS

• SYSTÈME DE PRODUCTION D'ÉNERGIE ÉLECTRIQUE À PARTIR DE L'ÉNERGIE MÉCANIQUE D'UN PNEUMATIQUE EN ROTATION, PAR LE BIAIS DE MATÉRIAUX PIEZO-ÉLECTRIQUES RENFORCÉS

- (71) SOCIÉTÉ 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]; 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) ADAMSON, John, D. [US/US]; 101 Red Oak Court, Simpsonville, SC 29681 (US). O'BRIEN, George, P. [US/US]; 142 Wren School Road, Piedmont, SC 29673 (US).

- (74) FARRELL, Martin; Michelin North America, Inc., Intellectual Property Department, 515 Michelin Road, Greenville, SC 29605 (US).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/132

- (11) WO 03/095246 (13) A1

- (21) PCT/SE03/00788

- (22) 13 May/mai 2003 (13.05.2003)

- (25) sv (26) en

- (30) 0201471-0 14 May/mai 2002 SE (14.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A DEVICE FOR AUTOMATIC SEPARATION OF A TYPE AND A RIM IN A WHEEL OF A VEHICLE

• DISPOSITIF DE SÉPARATION AUTOMATIQUE D'UN PNEUMATIQUE ET D'UNE JANTE DE ROUE DE VÉHICULE

- (71) TYRE SAVE SWEDEN AB [SE/SE]; Knuts väg 14, S-446 41 Skepplanda (SE).

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

- (72, 75) JÖNSSON, Lars [SE/SE]; Högstorp 255, S-446 94 Skepplanda (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 US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ B60G

- (11) WO 03/095247 (13) A2

- (21) PCT/KR03/00930

- (22) 12 May/mai 2003 (12.05.2003)

- (25) en (26) en

- (30) 10-2002-0026152 13 May/mai 2002 KR (13.05.2002)

- (30) 10-2003-0029084 9 May/mai 2003 KR (09.05.2003)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • VEHICULAR IMPACT ABSORBING APPARATUS HAVING CUSHION PINS
• APPAREIL À TIGES D'AMORTISSEMENT ABSORBANT LES CHOCES D'UN VÉHICULE

- (71, 72) KANG, Sung Ku [KR/KR]; 113-1602 Hansin Apt., 1212-1 Jaegi-dong, Dongdaemoon-gu, Seoul 130-772 (KR).

- (74) CHOI, Jong Won; 5Fl. Shinwon Bldg., 648-15 Yeoksam-dong, Gangnam-gu, Seoul 135-911 (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 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 B60G 15/06, 17/015, F16F 9/00, 9/18, 9/46, 9/50, 15/027

- (11) WO 03/095248 (13) A1

- (21) PCT/AU03/00585

- (22) 13 May/mai 2003 (13.05.2003)

- (25) en (26) en

- (30) PS 2285 13 May/mai 2002 AU (13.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DAMPER
• AMORTISSEUR

- (71) ACTIVE AIR SUSPENSIONS LIMITED [AU/AU]; Unit 9, 213 Balcatta Road, Balcatta, Western Australia 6021 (AU).

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

- (72, 75) FIELDER, Nicholas, Albert, William [AU/AU]; Unit 9, 213 Balcatta Road, Balcatta, Western Australia 6021 (AU).

- (74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, 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).

- (51)⁷ B60H 1/00

- (11) WO 03/095249 (13) A1

- (21) PCT/JP03/05613

- (22) 2 May/mai 2003 (02.05.2003)

- (25) ja (26) ja

- (30) 2002-138268 14 May/mai 2002 JP (14.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • AIR CONDITIONER OF CONSTRUCTION MACHINERY
• CONDITIONNEUR D'AIR D'UNE MACHINE DE CONSTRUCTION

- (71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP).

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

- (72, 75) YAMAKAWA, Atsushi [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). TASAKI, Kazushige [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). AKAHANE, Eiji [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP).

- (74) HIROSE, Tetsuo; Nakanishi Bldg. 5th Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 101-0065 (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 B60H 1/00

- (11) WO 03/095250 (13) A1

- (21) PCT/US02/39539

- (22) 11 Dec/déc 2002 (11.12.2002)

- (25) en (26) en

- (30) 10/140,457 7 May/mai 2002 US (07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

(54) • VEHICULAR HEAT PUMP SYSTEM AND MODULE THEREFOR

• SYSTEME DE POMPE A CHALEUR VEHICULAIRE ET MODULE ASSO-CIE

(71) MODINE MANUFACTURING COMPANY [US/US]; 1500 DeKoven Avenue, Racine, WI 53403 (US).

(72) COLLIER, Samuel, J.; 1670 Pope Road, Danville, KY 40422 (US).

(74) VANSANTEN, Wm., A.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661 (US).

(81) AU BR CA CN JP KR MX.

(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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA CN JP KR MX 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 the following designations / pour les désignations suivantes : AU BR CA CN JP KR MX 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 B60J

(11) WO 03/095251 (13) A2

(21) PCT/US03/02387

(22) 28 Jan/jan 2003 (28.01.2003)

(25) en (26) en

(30) 10/060,281 1 Feb/fév 2002 US (01.02.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEATABLE VEHICLE WINDSHIELD WITH BUS BARS INCLUDING BRAIDED AND PRINTED PORTIONS

• PARE-BRISE DE VEHICULE CHAUF-FANT DOTE DE BARRES OMNIBUS COMPRENANT DES PARTIES TRES-SEES ET IMPRIMEES

(71) CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A. (C.R.V.C.) [LU/LU]; Zone Industrielle Wolser, L-3452 Dudelange (LU). GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).

(72) SOL, Jean-Marc; 6, place de l'Eglise, F-57100 Thionville (FR). BIZZARI, Christian; 5, rue Jacques Tournier, F-57700 Hayange (FR).

(74) RHOA, Joseph, A. et al. / etc.; 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 SE SI SK TR); OA (BF BJ CF CG CI CM G A GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 3/02

(11) WO 03/095252 (13) A1

(21) PCT/EP03/04837

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 102 20 580.9 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COATED SUN VISOR

• PARE-SOLEIL REVETU

(71) FICO I.T.M. S.A. [ES/ES]; C/De La Muntanya No.2, E-08191 Rubi (ES).

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

(72, 75) FERNANDEZ, Miguel, Angel [ES/ES]; Av/Catalunya 36-38 1° 3a, E-08924 Santa Coloma de Garamet (ES). CUADRA, Oscar [ES/ES]; C/La Plana 2B 2°1a, E-08940 Torrelles de Llobregat (ES).

(74) HESS, Peter, K.; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Galileiplatz 1, 81679 München (DE).

(81) JP 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 : (a)

(51)⁷ B60J 3/02

(11) WO 03/095253 (13) A1

(21) PCT/ES02/00213

(22) 7 May/mai 2002 (07.05.2002)

(25) es (26) es

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUN VISOR WITH CONDUCTING ARM FOR VEHICLES

• PARE-SOLEIL EQUIPE D'UN BRAS CONDUCTEUR, POUR VEHICULES

(71) GRUPO ANTOLIN-INGENIERIA, S.A. [ES/ES]; Ctra. Madrid-Irún, Km. 244, 8, E-09007 Burgos (ES).

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

(72, 75) GARCÍA GARCÍA, Rafael [ES/ES]; C/ San Gil, 4 - 1°, E-09003 Burgos (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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 G A GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 7/20

(11) WO 03/095254 (13) A1

(21) PCT/EP03/04675

(22) 5 May/mai 2003 (05.05.2003)

(25) de (26) de

(30) 102 20 770.4 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CABRIOLET VEHICLE COMPRISING A REAR STORAGE COMPARTMENT FOR THE TOP THEREOF

• AUTOMOBILE DECAPOTABLE COMPRENANT UN LOGEMENT ARRIERE POUR LA CAPOTE

(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) CZECHTIZKY, Timo [DE/DE]; Brühlstrasse 22, 73061 Ebersbach-Ross-wälden (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 7/20

(11) WO 03/095255 (13) A1

(21) PCT/FR03/01381

(22) 2 May/mai 2003 (02.05.2003)

(25) fr (26) fr

(30) 02/05869 13 May/mai 2002 FR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VEHICLE REAR PARCEL SHELF

• PLAGE ARRIERE DE VEHICULE

(71) FRANCE DESIGN [FR/FR]; La Boujalière, F-79140 Le Pin (FR).

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

(72, 75) QUEVEAU, Gérard [FR/FR]; "Amik Farm", F-79140 Le Pin (FR). QUEVEAU, Paul [FR/FR]; Le Logis de la Chironnière, F-79140 Montravers (FR). GUILLEZ, Jean-Marc [FR/FR]; Les Maisons Blanches, F-79140 Cirières (FR).

(74) REMONT, Claude et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret 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 **B60K 17/35, F16D 43/284**

(11) **WO 03/095256** (13) A1

(21) PCT/GB03/01772

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) en (26) en

(30) 0210693.8 **10 May/mai 2002 GB (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **A VEHICLE FINAL DRIVE ASSEMBLY**
• ENSEMBLE BLOC D'ENTRAÎNEMENT D'ESSIEU DE VEHICULE

(71) **FORD GLOBAL TECHNOLOGIES, LLC.** [US/US]; 600 Parklane Towers East, One Parklane Boulevard, Dearborn, MI 48126 (US). **COUNTYTRAC Limited** [GB/GB]; Cobbs Industrial Estate, Hilton Road, Ashford, Kent TN23 1EW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Eric** [GB/GB]; 1 Pavilion Drive, Sittingbourne, Kent ME10 2SZ (GB).

(74) **GRUNFELD, David**; Ford Motor Company Limited, Room 1/443 Eagle Way, Brentwood, Essex CM13 3BW (GB).

(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 :

(u) for / pour US only / seulement

(51)⁷ **B60K 35/00, G02F 1/1335**

(11) **WO 03/095257** (13) A1

(21) PCT/US03/10379

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/143,440 **9 May/mai 2002 US (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DISPLAY DEVICE**

• CADRAN

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **GAIDES, Gary, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **MILLER, William, D.** 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)

(t) for all designations / pour toutes les désignations

(51)⁷ **B60K 41/06, F16H 61/04**

(11) **WO 03/095258** (13) A1

(21) PCT/SE03/00765

(22) **12 May/mai 2003 (12.05.2003)**

(25) sv (26) en

(30) 0201456-1 **13 May/mai 2002 SE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DRIVE MEANS FOR MOTOR VEHICLES**

• MOYENS D'ENTRAÎNEMENT POUR VEHICULES A MOTEUR

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).

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

(72, 75) **BRÄTHE, Lars** [SE/SE]; V. Stillestorgsgatan 21, S-417 13 Göteborg (SE). **ERIKSSON, Anders** [SE/SE]; Lövsjögatan 14, S-413 20 Göteborg (SE). **STEÉN, Marcus** [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (SE).

(74) **ALBIHNS STOCKHOLM AB**; 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B60L**

(11) **WO 03/095259** (13) A2

(21) PCT/US03/10327

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 60/378,364 **8 May/mai 2002 US (08.05.2002)**

(30) 60/427,235 **19 Nov/nov 2002 US (19.11.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AUXILIARY BRAKE CONTROL SYSTEM**

• SYSTEME DE COMMANDE DE FREINAGE AUXILIAIRE

(71, 72) **FENG, Zhide** [CA/US]; 1919 Atlas ct., Troy, MI 48083 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **B60L 11/18**

(11) **WO 03/095260** (13) A1

(21) PCT/JP03/05270

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) ja (26) ja

(30) 2002-138755 **14 May/mai 2002 JP (14.05.2002)**

(30) 2003-70202 **14 Mar/mar 2003 JP (14.03.2003)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHOD AND DEVICE FOR CONTROLLING FAN FOR COOLING VEHICLE-MOUNTED BATTERY**

• PROCEDE ET DISPOSITIF DE COMMANDE DU VENTILATEUR DE REFROIDISSEMENT DE LA BATTERIE D'UN VEHICULE

(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) **MINEKAWA, Hideto** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **ISHISHITA, Teruo** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **KIKUCHI, Yoshiaki** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (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 **B60L 15/20**

(11) **WO 03/095261** (13) A1

(21) PCT/JP03/05658

(22) **6 May/mai 2003 (06.05.2003)**

(25) ja (26) ja
(30) 2002-132008 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING VEHICLE

• PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER UN VEHICULE

(71) KABUSHIKI KAISHA BRIDGESTONE [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) WAKAO, Yasumichi [JP/JP]; c/o Kabushiki Kaisha Bridgestone, Technical Center, 1-1, Ogawahigashi-cho 3-chome, Kodaira-shi, Tokyo 187-8531 (JP). AKUTAGAWA, Keizo [JP/JP]; c/o Kabushiki Kaisha Bridgestone, Technical Center, 1-1, Ogawahigashi-cho 3-chome, Kodaira-shi, Tokyo 187-8531 (JP).

(74) MIYAZONO, Junichi; 6th Fl., Fifth Tanaka Bldg., 4-4, Idabashi 3-chome, Chiyoda-ku, Tokyo 102-0072 (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 B60N

(11) WO 03/095262 (13) A2

(21) PCT/US03/14258

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,854 8 May/mai 2002 US
(08.05.2002)

(30) PCT/US02/22440 11 Jul/juil 2002 US
(11.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADJUSTABLE FLOATING PLATE LUMBAR SUPPORT

• SUPPORT POUR LOMBAIRES SOUS FORME DE PLAQUES FLOTTANTES REGLABLES

(71) ALFMEIER CORPORATION [US/US]; 120 Elcon Drive, Greenville, SC 29605 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASSARA, Andrew, J. [US/US]; 1683 Cole Street, Birmingham, MI 48009 (US). VOGT, Brandon, R. [US/US]; 39432 Springwater Dr., Northville, MI 48167 (US).

(74) STEPHENS, Raymond, E. et al. / etc.; PITTS & BRITTIAN, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (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) DM DZ EC EE (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60N 2/06, 2/16, 2/30

(11) WO 03/095263 (13) A2

(21) PCT/GB03/02005

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210666.4 9 May/mai 2002 GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEATING ARRANGEMENT FOR A VEHICLE

• AGENCEMENT DE SIEGES POUR UN VEHICULE

(71) NISSAN TECHNICAL CENTRE EUROPE LTD [GB/GB]; Cranfield Technology Park, Bedfordshire MK43 0DB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SLADE, Sean, Anthony, Richard [GB/GB]; c/o Nissan Technical Centre Europe Ltd, Cranfield Technology Park, Bedfordshire MK43 0DB (GB).

(74) HOPLEY, Joanne, Selina; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/30, 2/36

(11) WO 03/095264 (13) A1

(21) PCT/JP03/05682

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 2002-138873 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VEHICLE SEAT UNIT

• SIEGE DE VEHICULE

(71) MAZDA MOTOR CORPORATION [JP/JP]; 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 730-8670 (JP).

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

(72, 75) FUJITA, Satoshi [JP/JP]; c/o Mazda Motor Corporation, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 730-8670 (JP). NAKANO, Kousei [JP/JP]; c/o Mazda

Motor Corporation, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 730-8670 (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) 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 B60N 2/66, A47C 7/46

(11) WO 03/095265 (13) A1

(21) PCT/EP03/04726

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 60/378,854 8 May/mai 2002 US
(08.05.2002)

(30) 102 55 169.3 27 Nov/nov 2002 DE
(27.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR ADJUSTING THE CONTOUR OF A SEAT, PARTICULARLY A VEHICLE SEAT

• DISPOSITIF PERMETTANT DE REGLER LE PROFIL D'UN SIEGE, EN PARTICULIER D'UN SIEGE DE VEHICULE

(71) ALFMEIER PRÄZISION AG BAUGRUPPEN UND SYSTEMLÖSUNGEN [DE/DE]; Industriestrasse 5, 91757 Treuchtlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEYERLEIN, Wolfgang [DE/DE]; Eschenbachstrasse 21, 91734 Mittelsachsenbach (DE). KÖPFER, Markus [DE/DE]; Leonhard-Dobber-Strasse 15a, 91614 Mönchsroth (DE). MASSARA, Andrew [US/US]; 1683 Cole Street, Birmingham, MI 48009 (US).

(74) MÖRTEL & HÖFNER; Blumenstrasse 1, 90402 Nürnberg (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 :

(t) for all designations / pour toutes les désignations

(51)⁷ B60Q 1/44

(11) WO 03/095266 (13) A1

(21) PCT/HR02/00025

(22) 26 Apr/avr 2002 (26.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SMART VEHICLE BREAK LIGHTS

• FEUX DE FREINAGE DE VEHICULE INTELLIGENT

(71, 72) ZORKO, Srećko [HR/HR]; Vidovečka 61, 42000 Vara din (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 B60R

(11) WO 03/095267 (13) A2

(21) PCT/US03/14317

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,692 8 May/mai 2002 US
(08.05.2002)

(30) 60/432,424 11 Dec/déc 2002 US
(11.12.2002)

(30) 60/450,112 25 Feb/fév 2003 US
(25.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOUND ABSORBING PANEL FOR A
VEHICLE AND METHOD

• PANNEAU D'ISOLATION PHONIQUE
POUR VEHICULE ET PROCEDE S'Y
RAPPORTANT

(71) JOHNSON CONTROLS TECHNOL-
OGY COMPANY [US/US]; 49200 Halyard
Drive, Plymouth, MI 48170 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ERICKSON, Brian, L. [US/US]; 12820
25th Street Ct., Milan, IL 61264 (US).
SPRINGER, Rob, Eric [US/US]; 9501
Lakeshore Drive, West Olive, MI 49460
(US). VEEN, Gerald, Raymond [US/US];
12 West 34th Street, Holland, MI 49423 (US).

(74) WILKE, JAMES A.; FOLEY & LARD-
NER, 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
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).

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations

(51)⁷ B60R

(11) WO 03/095268 (13) A2

(21) PCT/US03/14922

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,394 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR RETROFITTING AN IN-
ERTIA REEL ACCESS DOOR TO AN
EJECTION SEAT

• PROCEDE PERMETTANT DE RAC-
CORDER UNE TRAPPE D'ACCES
D'ENROULEUR AUTOMATIQUE SUR
UN SIEGE EJECTABLE

(71) EAST WEST INDUSTRIES, INC.
[US/US]; 80 Thirteenth Avenue,
Ronkonkoma, NY 11779 (US).

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

(72, 75) SPINOSA, Dominic [US/US]; 1766
Roland Avenue, Wantagh, NY 11793-2856
(US). KNOLL, Frank [US/US]; 15 Candy
Lane, Huntington Station, NY 11746 (US).
WALSH, Jeffrey, F. [US/US]; 16 Spruce-
wood Boulevard, Central Islip, NY 11722
(US).

(74) SAMEULS, Frederick, N.; Cahn &
Samuels, LLP, 2000 P Street NW, Suite
200, 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
RU RO 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 B60R 1/00

(11) WO 03/095269 (13) A2

(21) PCT/IE03/00059

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) S2002/0314 26 Apr/avr 2002 IE
(26.04.2002)

(30) S2002/0545 1 Jul/juil 2002 IE
(01.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REARVIEW MIRROR ASSEMBLIES

• ENSEMBLES RETROVISEURS

(71) MAGNA DONNELLY ELECTRONICS
NAAS LIMITED [IE/IE]; Naas, County
Kildare (IE).

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

(72, 75) LAWLOR, Patrick [IE/IE]; 2 The Stiles
Road, Clontarf, Dublin 3 (IE). LYNAM,
Niall [US/US]; 248 Foxdown, Holland, MI
49424 (US). DESMOND, John [IE/IE];
22 Liffey Drive, Newbridge, County Kil-
dare (IE). DOWLING, Patrick [IE/IE]; 10
William Street, Athy, County Kildare (IE).

(74) COYLE, Philip, Aidan, et al. / etc.; F.R.
Kelly & Co., 27 Clyde Road, Dublin 4 (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 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)
(u) for / pour US only / seulement

(51)⁷ B60R 9/04, F16B 5/10

(11) WO 03/095270 (13) A1

(21) PCT/SE03/00437

(22) 17 Mar/mar 2003 (17.03.2003)

(25) sv (26) en

(30) 0200892-8 25 Mar/mar 2002 SE
(25.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOAD CARRIER SUPPORT

• SUPPORT DE PORTE-BAGAGES

(71) MONT BLANC INDUSTRI AB [SE/SE];
Toarpdal, S-516 90 Dalsjöfors (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ANDERSSON, Göran [SE/SE];
Salmenigatan 27, S-504 57 Borås (SE).
KRISTOFFERSSON, Fredrik [SE/SE];
Engelbrektsgatan 80, S-506 37 Borås (SE).

(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) 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 : (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 B60R 19/28

(11) WO 03/095271 (13) A1

(21) PCT/CN02/00325

(22) 10 May/mai 2002 (10.05.2002)

(25) zh (26) zh

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A BUMPER WITH COMPRESSION
COIL SPRINGS

• PARE-CHOC'S DOTÉ DE RESSORTS
HÉLICOÏDAUX DE COMPRESSION

(71, 72) AU-YEUNG, Hungtim [CN/CN]; Room
806, No. 1, Yi Xing Li Hong De Road, South
of the River, Guangzhou, Guangdong 510235
(CN).

(74) CCPIT PATENT AND TRADEMARK
LAW OFFICE; 8th Floor, Vantone New
World Plaza, 2 Fuchengmenwai Street, Bei-
jing 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).

(51)⁷ B60R 21/045, 21/22

(11) WO 03/095272 (13) A1

(21) PCT/JP03/05856

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135417 10 May/mai 2002 JP
(10.05.2002)

(30) 2002-249031 28 Aug/août 2002 JP
(28.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INSTRUMENT PANEL STRUCTURE
FOR VEHICLES

• STRUCTURE DE TABLEAU DE BORD
DESTINÉE A DES VEHICULES

(71) DAIHATSU MOTOR CO., LTD. [JP/JP];
1-1, Daihatsucho, Ikeda-shi, Osaka 563-8651
(JP).

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

(72, 75) TAOKA, Yoshifumi [JP/JP]; c/o DAI-
HATSU MOTOR CO., LTD., 1-1, Momozono
2-chome, Ikeda-shi, Osaka 563-0045 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki
5-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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, E05B 65/19, E05D 11/00

(11) WO 03/095273 (13) A1

(21) PCT/EP03/04745

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 02010469.1 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PEDESTRIAN PROTECTION DEVICE
• DISPOSITIF DE PROTECTION POUR
PIETONS

(71, 72) DEUTSCHER, Erwin [AT/AT]; Ho-
henkogel 86, A-8181 St. Ruprecht an der
Raab (AT).

(74) MANITZ, FINSTERWALD & PARTNER
GBR; Postfach 31 02 20, 80102 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 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 B60R 22/38

(11) WO 03/095274 (13) A1

(21) PCT/US02/36113

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 02252506.7 8 Apr/avr 2002 EP
(08.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEAT BELT RETRACTOR WITH A
WEB SENSOR

• DISPOSITIF DE RETRACTION POUR
CEINTURE DE SECURITE COMPRE-
NANT UN DETECTEUR DE CEINTURE

(71) BREED AUTOMOTIVE TECHNOL-
OGY, INC. [US/US]; 5300 Allen K. Breed
Highway, Lakeland, FL 33811-1130 (US).

(72) SMITHSON, Alan, George; 3 Garden
Walk, Corby Hill, Cumbria CA4 8QD (GB).
BLACKADDER, David; Rosebank, Corby
Hill, Cumbria CA4 8QD (GB). BOWMAN,
Paul; 20 Hurley Road, Little Corby, Cumbria
CA4 8QF (GB). WINTER, David, Charles;
42 Shadygrove Road, Carlisle, Cumbria CA2
7LD (GB).

(74) DRAYER, Lonnie, R. et al. / etc.; Breed
Automotive Technology, Inc., 5300 Allen K.
Breed Highway, Lakeland, FL 33811-1130
(US).

(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).

(51)⁷ B60R 25/00, B60D 1/60

(11) WO 03/095275 (13) A1

(21) PCT/AU03/00538

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 2002100367 8 May/mai 2002 AU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRAILER GUARD
• DISPOSITIF DE PROTECTION D'UNE
REMORQUE

(71, 72) JENNINGS, Troy [AU/AU]; 38
Burleigh Avenue, Caringbah, Sydney, New
South Wales 2229 (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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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 B60R 25/00

(11) WO 03/095276 (13) A1

(21) PCT/IB03/01852

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 2002/3771 13 May/mai 2002 ZA
(13.05.2002)

(30) 2002/9741 2 Dec/déc 2002 ZA
(02.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VEHICLE IDENTIFICATION SYSTEM
• SYSTEME D'IDENTIFICATION DE
VEHICULES

(71, 72) COTTY, Darryl, Edward, Albert
[ZA/ZA]; 7Pongola Street, Paulshof, Sand-
ton, Gauteng Province (ZA).

(74) BOWMAN GILFILLAN INC. (JOHN &
KERNICK); P.O. Box 3511, Halfway House,
Midrand 1685 (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).

Published / Publiée : (c)

(51)⁷ B60S 1/52, 1/48, F04D 15/00

(11) WO 03/095277 (13) A1

(21) PCT/EP03/04838

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 102 20 579.5 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLEANING SYSTEM FOR HEAD-
LAMPS OF MOTOR VEHICLES
• SYSTEME DE NETTOYAGE POUR
PHARES DE VEHICULES A MOTEUR

(71) FICO TRANSPAR, S.A. [ES/ES]; C/de De
Josep Pujol, s/n, E-08191 Rubi (Barcelona)
(ES).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LOPEZ, Miguel, Mota [ES/ES];
C/Oreneta, 28, E-08191 Rubi (Barcelona)
(ES). PERALTA, Juan, Jesus, Elvira
[ES/ES]; C/Monturiol, 17, E-08191 Rubi
(Barcelona) (ES).

(74) HESS, Peter, K.; Bardehle, Pagenberg,
Dost, Altenburg, Geissler Galileiplatz 1,
81679 München (DE).

(81) JP 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 B60T 7/22

(11) WO 03/095278 (13) A1

(21) PCT/EP03/04430

(22) 28 Apr/avr 2003 (28.04.2003)

(25) de (26) de

(30) 102 20 567.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC MOTOR VEHICLE
EMERGENCY MANEUVER
• MANOEUVRE D'URGENCE AUTO-
MATIQUE D'UN VEHICULE AUTO-
MOBILE

(71) VOLKSWAGEN AKTIENGE-
SELLSCHAFT [DE/DE]; 38436 Wolfsburg
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GÖLLINGER, Harald [DE/DE];
Heinrich Kremp Str. 15, 38350 Helmst-
edt (DE). MEINKE, Ingo [DE/DE]; Vik-
toria-Luise-Str. 5, 38122 Braunschweig
(DE). ANKLAM, Carsten [DE/DE];
Querumer Strasse 37, 38104 Braunschweig
(DE). MARSCHALL, Jens [DE/DE]; Am
Thieberg 1, 38170 Schoppenstedt (DE). VI-
ETH, Dieter [DE/DE]; Elzweg 42, 38350
Helmstedt (DE). OSWALD, Detlef [DE/DE];
Kruppstr. 11, 38126 Braunschweig (DE).
ZAVREL, Martin [DE/DE]; Lindenweg
4, 34628 Willingshausen (DE). MAU-
RER, Markus [DE/DE]; Birkenweg 2,
85113 Böhmfeld (DE). VON HOLT, Volker
[DE/DE]; Spitzwegstrasse 26, 38106 Braun-
schweig (DE).

(74) MEYER, Enno; Weser & Kollegen,
Radeckestrasse 43, 81245 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).

(51)⁷ B60T 8/32, 8/34, 13/68, 17/02

(11) WO 03/095279 (13) A1

(21) PCT/FR03/01403

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr

(30) 02.05888 14 May/mai 2002 FR
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BRAKING DEVICE FOR THE AXLE OF
AN INDUSTRIAL VEHICLE
• DISPOSITIF DE FREINAGE D'UN ES-
SIEU DE VEHICULE INDUSTRIEL

(71) RENAULT V.I. [FR/FR]; 99 Route de Lyon,
F-69800 SAINT PRIEST (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DUSSAPT, Fabrice [FR/FR]; 34
Rue Antoinette, F-69003 LYON (FR).
CARNEIRO ESTEVES, Armando
[FR/FR]; 108 Chemin de Vassieux, F-69300
CALUIRE (FR).

(74) VUILLERMOZ, Bruno et al. / etc.; Cabi-
net 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).

Published / Publiée : (c)

(51)⁷ B60T 11/236, F16D 25/12, F16J 15/16,
15/32

(11) WO 03/095280 (13) A2

(21) PCT/DE03/01514

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 265.1 14 May/mai 2002 DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYDRAULIC SYSTEM
• SYSTEME HYDRAULIQUE

(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) RAMMHOFER, Thomas [DE/DE];
Waldfeldstrasse 24, 77880 Sasbach (DE).
BLEY, Roland [DE/DE]; Ottenhofener
Strasse 18, 77815 Bühl (DE). GRABEN-
STÄTTER, Jan [DE/DE]; Friedhofstrasse
17, 76593 Gernsbach (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 B60T 13/57, 13/575

(11) WO 03/095281 (13) A1

(21) PCT/EP03/04312

(22) 25 Apr/avr 2003 (25.04.2003)

(25) fr (26) fr

(30) 02/05767 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BRAKE SERVO-UNIT COMPRISING A
FLOATING ELEMENT BEARING OFF-
SET VALVE SEATS

- SERVOMOTEUR COMPORTANT UN ELEMENT FLOTTANT PORTEUR DE SIEGES DE CLAPET DECALES
- (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) **RICHARD, Philippe** [FR/FR]; 78, rue
Albert Caillou, F-77500 CHELLES (FR).
LACROIX, Stéphane [FR/FR]; 14, rue de
Villé, F-77220 TOURNAN EN BRIE (FR).
VERBO, Ulysse [FR/FR]; 41bis, rue du CT
Brasseur, F-93600 AULNAY-SOUS-BOIS
(FR). **MALIGNE, Jean-Charles** [FR/FR];
20, rue du Goulet, F-93300 AUBERVIL-
LIERS (FR).
- (74) **HURWIC, Aleksander**; Bosch Systemes de
Freinage, Service Brevets, 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 **B61B**
- (11) **WO 03/095282** (13) A2
- (21) PCT/US03/14413
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 10/140,729 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **MAGNETICALLY LEVITATED
TRANSPORTATION SYSTEM AND
METHOD**
• **SYSTEME ET PROCEDE DE TRANS-
PORT PAR SUSTENTATION MAGNE-
TIQUE**
- (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 19/06, 7/06**
- (11) **WO 03/095284** (13) A1
- (21) PCT/DE03/01386
- (22) **25 Apr/avr 2003 (25.04.2003)**
- (25) de (26) de
- (30) 102 21 575.8 **8 May/mai 2002** DE
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **PROCESS CONNECTIONS FOR THE
SAFE OPERATION OF SAFETY AND
SECURITY INSTALLATIONS**
- **RACCORDS DE PROCEDE UTILISES
POUR FAIRE FONCTIONNER DE MA-
NIERE SURE DES DISPOSITIFS DE SE-
CURITE**
- (71) **SIEMENS AKTIENGESELLSCHAFT**
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **HENTSCHEL, Matthias** [DE/DE];
Unstrutstr. 24, 38120 Braunschweig (DE).
TEMMING, Rudolf [DE/DE]; Plantanen-
ring 21, 38154 Königslutter (DE). **PRIEBE,
Alexander** [DE/DE]; Stadtweg 15, 38108
Braunschweig (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
US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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
(u) for / pour US only / seulement
-
- (51)⁷ **B62D 1/16**
- (11) **WO 03/095285** (13) A1
- (21) PCT/JP03/05942
- (22) **13 May/mai 2003 (13.05.2003)**
- (25) ja (26) ja
- (30) 2002-138807 **14 May/mai 2002** JP
(14.05.2002)
- (30) 2002-143412 **17 May/mai 2002** JP
(17.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **STEERING COLUMN DEVICE FOR
VEHICLE AND METHOD OF MANU-
FACTURING THE DEVICE**
• **SYSTEME DE COLONNE DE DIREC-
TION POUR VEHICULE ET SON PRO-
CEDE DE PRODUCTION**
- (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) **ISHIDA, Ryuichi** [JP/JP]; c/o NSK
LTD., 8-1, Soja-machi 1-chome, Mae-
bashi-shi, Gunma 371-0853 (JP). **TAKANO,
Toshimichi** [JP/JP]; c/o NSK LTD., 8-1,
Soja-machi 1-chome, Maebashi-shi, Gunma
371-0853 (JP). **TOMARU, Masaki** [JP/JP];
c/o NSK LTD., 8-1, Soja-machi 1-chome,
Maebashi-shi, Gunma 371-0853 (JP).
- (74) **INOUE, Yoshio**; 3F, Garoh Bldg., 1-4,
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
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 1/18

(11) WO 03/095286 (13) A1

(21) PCT/JP03/04952

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(30) 2002-135251 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEERING DEVICE

• APPAREIL DE DIRECTION

(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) SAWADA, Naoki [JP/JP]; c/o NSK Ltd.,
8-1, Soja-machi 1-chome, Maebashi-shi,
Gunma 371-0853 (JP). IKEDA, Shuhei
[JP/JP]; c/o NSK Ltd., 8-1, Soja-machi
1-chome, Maebashi-shi, Gunma 371-0853
(JP). YAMADA, Jun [JP/JP]; c/o NSK Ltd.,
8-1, Soja-machi 1-chome, Maebashi-shi,
Gunma 371-0853 (JP).

(74) TAMURA, Keiji et al. / etc.; 8th Floor,
Masumoto Bldg., 4-3, 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 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 B62D 1/19, B60R 21/05

(11) WO 03/095287 (13) A1

(21) PCT/JP03/05685

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-132964 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPACT ABSORBING STEERING
COLUMN DEVICE

• DISPOSITIF DE COLONNE DE DIREC-
TION AMORTISSEUR DE CHOCS

(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) ISHIDA, Ryuichi [JP/JP]; c/o NSK
LTD., 8-1, Soja-machi 1-chome, Mae-
bashi-shi, Gunma 371-0853 (JP). TAKANO,
Toshimichi [JP/JP]; c/o NSK LTD., 8-1,
Soja-machi 1-chome, Maebashi-shi, Gunma
371-0853 (JP). TOMARU, Masaki [JP/JP];
c/o NSK LTD., 8-1, Soja-machi 1-chome,
Maebashi-shi, Gunma 371-0853 (JP).

(74) INOUE, Yoshio; 3F, Garoh Bldg., 1-4,
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
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 1/19, F16F 7/12

(11) WO 03/095288 (13) A2

(21) PCT/US03/14419

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,491 9 May/mai 2002 US
(09.05.2002)

(30) Not furnished / 8 May/mai 2003 US
non communiqué (08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADAPTIVE ENERGY ABSORPTION
SYSTEM

• SYSTEME AMORTISSEUR ADAPTA-
TIF

(71) DELPHI TECHNOLOGIES, INC.
[US/US]; Legal Staff - Mail Code:
480-414-420, P.O. Box 5052, Troy, MI
48084 (US).

(72) MANWARING, Marvin, V.; 11460 Grand
Oaks Drive, Clio, MI 48420 (US). JWALA-
PATHY, Ravindra; 2319 Veau Street,
Saginaw, MI 48603 (US). TINNIN, Melvin,
L.; 3378 Andrea Court, Clio, MI 48420 (US).
ARMSTRONG, Ray, G.; 2155 6th Street,
Bay City, MI 48708 (US). RIEFE, Richard,
K.; 821 Timberwood Lane, Saginaw, MI
48609 (US).

(74) STEARNS, Robert, L. et al. / etc.; Howard
& Howard Attorneys, P.C., 39400 Woodward
Avenue, Suite 101, Bloomfield, MI 48304
(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 6/00, F02D 11/10, B60T 8/00

(11) WO 03/095289 (13) A1

(21) PCT/JP03/05860

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-138230 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOTOR VEHICLE CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE VE-
HICULE A MOTEUR

(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) YANAKA, Akihiro [JP/JP]; c/o Toyota
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Koichi [JP/JP]; c/o Toyota Jidosha Kabushiki
Kaisha, 1, Toyota-cho, Toyota-shi, Aichi
471-8571 (JP).

(74) OBA, Sakio et al. / etc.; Prospec Patent Firm,
2nd Floor, NAGOYA-KS Building, 1-18,
Taiko 3-chome, Nakamura-ku, Nagoya-shi,
Aichi 453-0801 (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 B62D 25/08, 29/00, 65/00

(11) WO 03/095290 (13) A1

(21) PCT/EP03/04933

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 950.8 13 May/mai 2002 DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FRONT WALL MODULE

• MODULE DE PAROI DE SEPARATION

(71) SAI AUTOMOTIVE SAL GMBH
[DE/DE]; Daimlerstrasse 1, 76744 Wörth
(DE). BAYERISCHE MOTORENWERKE
AG [DE/DE]; 80788 München (DE).

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les États désignés sauf US)*

(72, 75) RAHMSTORF, Peter [FR/FR]; 2, Lo-
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du Pont (FR). CREUTZ, Lydia [FR/FR];
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(FR). SCHAETZEL, Eric [FR/FR]; 8, rue
de Stättmatten, F-67480 Fort-Louis (FR).
MÜLLER, Siegfried [DE/DE]; Lohestrasse
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Klaus [DE/DE]; Tulpenweg 38, 85521
Riemerling (DE).

(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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

NL PT 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 33/067, 21/15, 21/02

(11) WO 03/095291 (13) A1

(21) PCT/EP03/02849

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 21 346.1 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LINKAGE FOR A DRIVER'S CAB
• SYSTEME D'ATTACHE POUR CABINE DE CONDUITE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-plestr. 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLLINGER, Walter [DE/DE]; Graslitz Weg 8, 71364 Winnenden (DE).
MCKELLIP, Spenser [DE/DE]; Kap-pelbergstrasse 44, 70327 Stuttgart (DE).
RÜHLE, Markus [DE/DE]; Burgunderweg 15, 73773 Aichwald (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C 106, 70546 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 RO SE SI SK TR).

(51)⁷ B62D 55/253

(11) WO 03/095292 (13) A1

(21) PCT/JP03/05950

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-138244 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RUBBER CRAWLER
• CHENILLE EN CAOUTCHOUC

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIMURA, Naoki [JP/JP]; c/o Bridgestone Corporation, Yokohama Kajo, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0812 (JP).

(74) ETOH, Toshiaki; Showa Bldg., 8-18, Kyobashi 2-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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

NL PT 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 39/00

(11) WO 03/095293 (13) A1

(21) PCT/JP03/05664

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-133959 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RADIATOR DEVICE FOR TWO-WHEELED MOTOR VEHICLE
• RADIATEUR POUR VEHICULE A MO-TEUR A DEUX ROUES

(71) SUZUKI KABUSHIKI KAISHA [JP/JP]; 300, Takatsuka-Cho, Hamamatsu-Shi, Shizuoka 432-8611 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKUNO, Yoshihisa [JP/JP]; 10-12, Minamiiba-Cho, Hamamatsu-Shi, Shizuoka 432-8037 (JP).

(74) HATANO, Hisashi et al. / etc.; Tokyo International Patent Firm, 2nd Floor, Miyata Building, 17-16, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/00, 19/32

(11) WO 03/095294 (13) A1

(21) PCT/AU03/00568

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) PS 2260 13 May/mai 2002 AU (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEERING APPARATUS FOR RECUMBENT CYCLE
• APPAREIL DE DIRECTION POUR CYCLE A POSITION ALLONGEE

(71, 72) GRIFFIN, John, Bernard [AU/AU]; 467 Maitlandvale Road, Maitlandvale, New South Wales 2320 (AU).

(74) SMEETON, Anthony, Richard; Davies Collision 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 B62M 1/00

(11) WO 03/095295 (13) A1

(21) PCT/US02/14678

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEERABLE IN-LINE STREET SKI
• PLANCHE A ROULETTES EN LIGNE A DIRECTION

(71) TIERNEY RIDES, LLC [US/US]; Suite 208, 2155 Stonington Avenue, Hoffman Estates, IL 60195 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TIERNEY, Tyler [US/US]; 815 Sanborn Dr., Palatine, IL 60067 (US). TIERNEY, Kurt [US/US]; 37 W 910 Heritage Oaks, St. Charles, IL 60175 (US). WOZNY, Thomas, A. [US/US]; 1433 Bonita Dr., Park Ridge, IL 60068 (US). NANOS, Nicholas [US/US]; 4931 Highwood Lane, Lake in the Hills, IL 60156 (US). HEILIGENSTEIN, Luc [US/US]; 3119 North Honore, Chicago, IL 60657 (US). BOYER, Geoffrey [CA/CA]; 292 Inglewood Avenue, Pointe-Claire, Quebec H9R 2Z5 (CA).

(74) DONOVAN, Thomas, J. et al. / etc.; Barnes & Thornburg, 2600 Chase Plaza, 10 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 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 B63B 1/04

(11) WO 03/095296 (13) A1

(21) PCT/IT03/00271

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) RM2002A000251 8 May/mai 2002 IT (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HULL FOR SHIPPING WITH A MONO-CATAMARAN ARCHITECTURE
• COQUE DE NAVIGATION A ARCHITECTURE MONO-CATAMARAN

(71, 72) MASCELLARO, Luigi [IT/IT]; Via Fosso della Castelluccia, 146/22, I-00134 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).

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(51)⁷ B63B 1/38

(11) WO 03/095297 (13) A1

(21) PCT/NL03/00326

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 02076817.2 7 May/mai 2002 EP (07.05.2002)

(30) 02077798.3 10 May/mai 2002 EP (10.05.2002)

(30) 02080560.2 30 Dec/déc 2002 EP (30.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AIR CAVITY VESSEL WITH WEDGE-SHAPED CAVITIES, LONGITUDINALLY OFFSET CAVITIES, AND ROLL CONTROL MEANS AND METHOD FOR CONSTRUCTING THE SAME

• BATEAU A COUSSIN D'AIR, A CAVITES CUNEIFORMES, A CAVITES DECALEES LONGITUDINALEMENT, ET MOYENS DE COMMANDE EN ROULIS ET PROCEDE DE CONSTRUCTION CORRESPONDANT

(71) DK GROUP N.A. N.V. [NL/NL]; Kaya W.F.G. (jombi), Mensing 36, Curacao (AN). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATVEEV, Konstantin [US/US]; 307 S. Wilson Avenue, 10, Pasadena, CA 91106 (US). WINKLER, Jörn, Paul [DK/NL]; c/o DK Group Netherlands B.V., Weena 336, NL-3012 NJ Rotterdam (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 B63B 1/38

(11) WO 03/095298 (13) A1

(21) PCT/NL03/00328

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 02076818.0 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VESSEL WITH AIR CAVITY HAVING AN AIR DEFLECTOR

• NAVIRE COMPORTANT UNE CAVITE D'AIR DE FOND PRESENTANT UN DEFLECTEUR D'AIR

(71) DK GROUP N.A. N.V. [NL/NL]; Kaya W.F.G. (jombi), Mensing 36, Curacao (AN). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATVEEV, Konstantin [US/US]; 307 S. Wilson Avenue, 10, Pasadena, CA 91106 (US). WINKLER, Jörn, Paul [DK/NL]; DK Group Netherlands B.V., Weena 336, NL-3012 NJ Rotterdam (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 B63B 5/06

(11) WO 03/095299 (13) A1

(21) PCT/FI02/00483

(22) 6 Jun/juin 2002 (06.06.2002)

(25) fi (26) en

(30) 20020894 10 May/mai 2002 FI (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR COVERING A SHIP DECK AND AN INSTALLATION TOOL

• PROCEDE DE RECOUVREMENT D'UN PONT DE BATEAU ET OUTIL D'INSTALLATION

(71) OY HENNING FRÖKJÄR AB [FI/FI]; Yliopistonkatu 36 a A 1, FIN-20100 Turku (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FRÖKJAER, Henning, Toverud [DK/DK]; Torvegade 3, DK-6700 Esbjerg (DK).

(74) PATENTTITOIMISTO KARI PIRHONEN OY; P.O. Box 71, FIN-20101 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 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 B63B 21/00

(11) WO 03/095300 (13) A1

(21) PCT/AU03/00486

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) PS 2214 9 May/mai 2002 AU (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR SECURING A MOORING LINE OF A VESSEL

• APPAREIL ET PROCEDE DISPOSITIF D'AMARRAGE D'UNE HAUSSIERE A UN BATEAU

(71) HARBOUR & MARINE ENGINEERING PTY LTD [AU/AU]; Virginia Park, 9 South Drive, 236-262 East Boundary Road, EAST BENTLEIGH, Victoria 3165 (AU).

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(72, 75) TOTH, Thomas [AU/AU]; 4 Somme Parade, EDITHVALE, Victoria 3196 (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 B63B 35/79

(11) WO 03/095301 (13) A1

(21) PCT/AU03/00517

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) PS 2163 7 May/mai 2002 AU (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN ADJUSTABLE FIN SYSTEM

• SYSTEME DE DERIVE REGLABLE

(71, 72) BATT, Michael [AU/AU]; M.Batt, 6 Casuarina Court, Margaret River, Western Australia 6285 (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).

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

(u) for / pour US only / seulement

- (51)⁷ B63H 5/08, 23/34, B63B 1/08

(11) WO 03/095302 (13) A1

(21) PCT/NO03/00149

- (22) 7 May/mai 2003 (07.05.2003)

(25) no (26) en

(30) 2002 2220 8 May/mai 2002 NO
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROPELLER SHAFTS

• ARBRES PORTE-HELICE

- (71) MOSS MARITIME AS [NO/NO]; P.O.Box
120, N-1325 LYSAKER (NO).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SAND, Hans, Martin [NO/NO];
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KRISTENSEN, Per, Herbert [NO/NO];
Mallingsrudveien 28, N-1349 RYKKIN
(NO).

- (74) ONSAGERS AS et al. / etc.; P.O.Box 6963
St. Olavs plass, N-0130 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 (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 B63H 21/38, 3/00, F03B 3/06

(11) WO 03/095303 (13) A1

(21) PCT/SE03/00748

- (22) 8 May/mai 2003 (08.05.2003)

(25) sv (26) en

(30) 0201384-5 8 May/mai 2002 SE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ARRANGEMENT IN CONNECTION
WITH A PROPELLER WITH ANGU-
LARLY ADJUSTABLE BLADES

• MECANISME DESTINE A UNE HE-
LICE POURVUE DE PALES A ANGLE
REGLABLE

- (71) NYA BERG PROPULSION AB [SE/SE];
Box 1005, S-430 90 Öckerö (SE).
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les États désignés sauf US)

- (72, 75) SVENSSON, Björn [SE/SE]; Box 291,
S-430 93 Hålsö (SE). THYBERG, Conny
[SE/SE]; Gårdavägen 19, S-430 91 Hönö
(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 US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 B64D

(11) WO 03/095304 (13) A2

(21) PCT/US03/15326

- (22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,924 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PNEUMATIC PARACHUTE RISER
CONTROL

• COMMANDE D'ELEVATEUR DE PA-
RACHUTE PNEUMATIQUE

- (71) ATAIR AEROSPACE, INC. [US/US]; 160
Coffey Street, Brooklyn, NY 11231 (US).

- (72) PRESTON, Daniel; 82-18 138th Street, Kew
Gardens, NY 11435 (US).

- (74) MIRABITO, A., Jason; Mintz, Levin,
Cohn, Ferris, Glovsky and Popeo PC, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 17/56

(11) WO 03/095305 (13) A1

(21) PCT/CZ03/00015

- (22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) PUV 2002-13120 14 May/mai 2002 CZ
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • AUTOMATIC RELEASING DEVICE
FOR A PARACHUTE

• DISPOSITIF DE LIBERATION AU-
TOMATIQUE DESTINE A UN PARA-
CHUTE

- (71, 72) LUKAVEC, Jan [CZ/CZ]; Na Krivce
1319/94, 101 00 Praha (CZ).

- (74) REICHEL, Pavel; Lopatecká 14, 147 00
Praha 4 (CZ).

- (81) AT AU BR CA CN DE DK ES FI GB HR HU
MX NO PL PT RU SE SK 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 B64F 1/305

(11) WO 03/095306 (13) A1

(21) PCT/CA03/01166

- (22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/139,376 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • BEACON DOCKING SYSTEM FOR
AUTOMATICALLY ALIGNING A PAS-
SENGER LOADING BRIDGE TO A
DOORWAY OF AN AIRCRAFT

• SYSTEME D'ARRIMAGE A BALISE
DESTINE A ALIGNER AUTOMATI-
QUEMENT UNE PASSERELLE PASSA-
GERS SUR LA PORTE D'UN AVION

- (63) US Not furnished /
non communiqué (CON)
Not furnished /
non communiquée

- (71) DEW ENGINEERING AND DEVEL-
OPMENT LIMITED [CA/CA]; 3429
Hawthorne Road, Ottawa, Ontario K1G 4G2
(CA).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) HUTTON, Neil [CA/CA]; 952 Moun-
tainview Ave., Ottawa, Ontario K2B 5G4
(CA). IBRAHIM, Rami [CA/CA]; 13 Bri-
dlewood Drive, Kanata, Ontario K2M 1R3
(CA).

- (74) FREEDMAN, Gordon; Freedman & Asso-
ciates, 117 Centrepointe Dr., Suite 350, Ne-
pean, Ontario K2G 5X3 (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 : (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 B65B 1/04

(11) WO 03/095307 (13) A1

(21) PCT/US03/14219

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,686 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR PREVENTING VEHICLE MISFUELLING

• PROCEDE ET SYSTEME POUR EMPECHER LE MEREMPLISSAGE D'UN VEHICULE

(71, 72) ZERANGUE, Russel, Shane, Sr. [US/US]; P.O. Box 1608, Hammond, LA 70404-1608 (US).

(74) KIESEL, William, David et al. / etc.; 2355 Drusilla Lane, Baton Rouge, LA 70809 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, 3/04

(11) WO 03/095308 (13) A1

(21) PCT/US03/14229

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,506 7 May/mai 2002 US (07.05.2002)

(30) 60/403,715 15 Aug/août 2002 US (15.08.2002)

(30) 1031942 20 Jan/jan 2003 DE (20.01.2003)

(30) 60/443,427 29 Jan/jan 2003 US (29.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR DELIVERING PAINT TO AN APPLICATOR AND FLUSHING SAME

• PROCEDE ET APPAREIL DE DISTRIBUTION DE PEINTURE A UN APPLICATEUR ET DE RINÇAGE DE CE DERNIER

(71) BEHR SYSTEMS, INC. [US/US]; 2469 Executive Hills Boulevard, Auburn Hills, MI 48326 (US).

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

(72, 75) HERRE, Frank [DE/DE]; Grossmoltenstr. Str. 12, 71739 Oberhexigen (DE). MELCHER, Rainer [DE/DE]; Im Stelzenbühl 10, 71720 Oberstenfeldt (DE). MARTIN, Herbert [DE/DE]; Bruckenstrasse 46, 71384 Weinstadt (DE). BAUMANN, Michael [DE/DE]; Weinbergsteige 4, 74223 Flein (DE). OSTIN, Richard, M. [US/US]; 33705 Hamlin Ct., Farmington, MI 48335 (US). HELDT, Robert, F. [US/US]; 677 Doral, Oxford, MI 48371 (US). MICHELFELDER, Manfred [US/DE]; In der Au 45, 71711 Steinheim (DE). HERING, Joachim [DE/DE]; Torstrasse 31, 88525 Dürmentingen (DE).

(74) SCOTT, Raymond, E.; Howard and Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, 3/00, B67C 3/00

(11) WO 03/095309 (13) A1

(21) PCT/US03/15179

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,963 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLEXIBLE DISPENSER MODULES

• MODULES SOUPLES DE DISTRIBUTEUR

(71) TOKHEIM CORPORATION [US/US]; 1600 Wabash Avenue, Fort Wayne, IN 46803 (US).

(72) STANLEY, Dean; 1404 Chanterelle, Fort Wayne, IN 46845 (US).

(74) KNUTH, Randall, J.; 3510-A Stellhorn Road, Fort Wayne, IN 46815 (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 B65B 37/02, 37/14

(11) WO 03/095310 (13) A1

(21) PCT/EP03/04820

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) BO2002A000283 13 May/mai 2002 IT (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS AND APPARATUS FOR FEEDING POWDERED, GRANULAR OR HERB-BASED PRODUCTS

• PROCEDE ET APPAREIL D'ALIMENTATION DE PRODUITS EN POUDRE, GRANULAIRES OU A BASE D'HERBES

(71) B.L. MACCHINE AUTOMATICA S.P.A. [IT/IT]; Via Ronchi Inferiore, 30/B, I-40061 Minerbio (IT).

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

(72, 75) FACCHINI, Libero [IT/IT]; Via Ponte Buco, 22, I-40068 San Lazzaro di Savena (IT).

(74) PORSIA, Attilio et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (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).

Published / Publiée : (c)

(51)⁷ B65B 63/02, B63B 27/12

(11) WO 03/095311 (13) A1

(21) PCT/DK03/00293

(22) 6 May/mai 2003 (06.05.2003)

(25) da (26) en

(30) PA 2002 00705 8 May/mai 2002 DK
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PACKAGING SYSTEM AND A
METHOD OF PACKAGING COM-
PRESSIBLE OBJECTS• SYSTEME D'EMBALLAGE ET PRO-
CEDE D'EMBALLAGE D'OBJETS
COMPRESSIBLES(71) SEELEN A/S [DK/DK]; Morsøgade 10,
DK-6700 Esbjerg (DK).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) NISSEN, Per, Brodersen [DK/DK]; Gl.
Guldagervej 49, Hjørtting, DK-6710 Esbjerg
V (DK).(74) ZACCO DENMARK A/S; Aaboulevarden
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).

Published / Publiée : (c)

(51)⁷ B65B 63/04

(11) WO 03/095312 (13) A1

(21) PCT/US03/14602

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,377 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PACKAGING SPRING
UNITS• PROCEDE D'EMBALLAGE D'UNITES
DE RESSORTS(71) L & P PROPERTY MANAGEMENT
COMPANY [US/US]; 4095 Firestone Boule-
vard, South Gate, CA 90280 (US).(72) MOSSBECK, Niels; 1951 Wilson Road,
Carthage, MO 64836 (US). WELLS,
Thomas, J.; 801 country Club Road,
Carthage, MO 64836 (US).(74) POFFENBERGER, Dwight, J. 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 PTRO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/095313 (13) A2

(21) PCT/US03/13715

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,347 8 May/mai 2002 US
(08.05.2002)(30) 60/430,662 4 Dec/déc 2002 US
(04.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SQUEEZABLE TWO-PIECE
STAND-UP TUBE• TUBE SOUPLE A MAINTIEN VERTI-
CAL FORME DE DEUX PIECES(71) GRAHAM PACKAGING COMPANY,
L.P. [US/US]; 2401 Pleasant Valley Road,
York, PA 17402 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GOMEZ, Norberto, Oscar [AR/AR];
Avenida del Fundador 1400, 5700 San Luis
(AR). BERRITTELLA, Rafael, Francisco
[AR/AR]; Luis Guillon, Teniente Ford 1515,
1838 Buenos Aires (AR). LU, Geoffrey,
Richard [US/US]; 313 Meadowcroft Lane,
Lutherville, MD 21093 (US).(74) BURDETT, James, R. et al. / etc.; VEN-
ABLE LLP, P.O. Box 34385, 1201 New York
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 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 B65D

(11) WO 03/095314 (13) A2

(21) PCT/US03/14334

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,247 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTAINMENT SYSTEM

• SYSTEME DE CONFINEMENT

(71, 72) CRAIG, Emily, A. [US/US]; 244 Victo-
ria Way, Georgetown, KY 40324 (US).(74) SCHICKLI, Warren, D. et al. / etc.; King
& Schickli, PLLC, 247 North Boradway, Lex-
ington, KY 40507 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 B65D 5/52, 77/04, 5/00

(11) WO 03/095315 (13) A1

(21) PCT/FR03/01414

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05706 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PACKING CARTON FOR BOTTLES,
VIALS OR SIMILAR PRODUCTS• BOITE D'EMBALLAGE POUR DES
PRODUITS TELS QUE DES BOU-
TEILLES, FLACONS OU ANALOGUES.(71) Z K CONCEPT [FR/FR]; 2-12, rue Char-
bonnel, F-75013 Paris (FR).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) DUISIT, Bernard [FR/FR]; 5, rue
Petion, F-75011 Paris (FR).(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 US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 21/036

(11) WO 03/095316 (13) A1

(21) PCT/US03/12733

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 10/143,295 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STACKABLE LID FOR LARGE SOLID WASTE CONTAINERS

• COUVERCLE EMPILABLE POUR GRANDS CONTENANTS A DECHETS SOLIDES

(71, 72) TAYLOR, Craig, V. [US/US]; 8960 Lurline Avenue, Chatsworth, CA 91311 (US).

(74) ROSE, Alan, C. et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Suite 3800, Los Angeles, CA 90067-3024 (US).

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

(51)⁷ B65D 25/08, 5/40, 5/74, 77/28, A47G 21/18

(11) WO 03/095317 (13) A1

(21) PCT/JP02/04630

(22) 13 May/mai 2002 (13.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PACK CONTAINER FOR BEVERAGE AND OTHERS FOR SPOUT PREVENTION, TUBE SUCH AS STRAW FOR PACK CONTAINER FOR SPOUT PREVENTION, AND PACK CONTAINER WITH TUBE SUCH AS STRAW FOR SPOUT PREVENTION

• CONTENANT EN BRIQUE POUR BOISSON ET AUTRES CONTENANTS EMPECHANT LES GICLEES, TUBE TEL QU'UNE PAILLE POUR CONTENANT EN BRIQUE EMPECHANT LES GICLEES, ET CONTENANT EN BRIQUE DOTE D'UN TEL TUBE

(71, 72) YAMAMOTO, Kazuhiro [JP/JP]; Grandver-Koishikawaharimazaka, 1203, 5-1-11, Koishikawa, Bunkyo-ku, Tokyo 112-0002 (JP).

(74) KANEHARA, Masamichi; Address Garden Daikanyama 304, 16-5, Daikanyama-cho, Shibuya-ku, Tokyo 150-0034 (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 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 39/00

(11) WO 03/095318 (13) A2

(21) PCT/IB03/01783

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) VI2002A000088 8 May/mai 2002 IT (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITE STOPPER MADE OF SYNTHETIC MATERIALS

• BOUCHON COMPOSITE EN MATIERES SYNTHETIQUES

(71) PIVA, Silvano [IT/IT]; Piazza Chiesa, 1, I-38052 Caldonazzo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ZENI, Bruno [IT/IT]; Località Melta, 142, I-38014 Gardolo (IT).

(74) MAROSCIA, Antonio; MAROSCIA & ASSOCIATI S.R.L., Contrà S. Caterina, 29, I-36100 Vicenza (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 B65D 43/16

(11) WO 03/095319 (13) A1

(21) PCT/US03/14221

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,542 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOCKING KEY CAP

• CAPUCHON POUR CLE DE VERROUILLAGE

(71) STULL TECHNOLOGIES [US/US]; 17 Veronica Avenue, Somerset, NJ 08873 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STULL, Jameson, P. [US/US]; 1 Winston Farm Lane, Far Hills, NJ 07931 (US).
AUER, Robert, T. [US/US]; 546, Penn Estates, East Stroudsburg, PA 18301 (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 NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 43/16, E05D 1/04

(11) WO 03/095320 (13) A1

(21) PCT/US03/14720

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,362 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIFUNCTION CONTAINER HINGE

• CHARNIERE DE RECIPIENT MULTIFONCTIONNELLE

(71) RUBBERMAID INCORPORATED [US/US]; 1147 Akron Road, P.O. Box 6000, Wooster, OH 44691-6000 (US).

(72) CROFT, William, E.; 435 N. Walnut, Wooster, OH 44691 (US). SKOV, Erik, L.; 629 Crestview Avenue, Akron, OH 44320 (US). PLEIMAN, Brian, Ralph; 2800 Eastwood Drive, Wooster, OH 44691 (US).

(74) LEMPIA, Bryan, J.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 S. Wacker Drive, 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 B65D 47/06, 35/46

(11) WO 03/095321 (13) A1

(21) PCT/JP02/06255

(22) 21 Jun/juin 2002 (21.06.2002)

(25) ja (26) ja

(30) 2002-132978 8 May/mai 2002 JP (08.05.2002)

(30) 2002-132979 8 May/mai 2002 JP (08.05.2002)

(30) 2002-132980 8 May/mai 2002 JP (08.05.2002)

(30) 2002-132981 8 May/mai 2002 JP (08.05.2002)

(30) 2002-132982 8 May/mai 2002 JP (08.05.2002)

(30) 2002-132983 8 May/mai 2002 JP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISCHARGE NOZZLE WITH FUNCTION FOR PREVENTING BACKFLOW OF CONTENT AND LIQUID CONTAINER COMPRISING DISCHARGE NOZZLE

- BUSE D'EVACUATION CAPABLE D'EMPECHER LE RETOUR DE CONTENUS ET CONTENANT POUR LIQUIDES COMPRENANT UNE BUSE D'EVACUATION

(71) HAGY TECH CO.,LTD [JP/JP]; 7-111, Nishimizue 3chome, Edogawa-ku, Tokyo 132-0015 (JP).

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

(72, 75) HAGIHARA, Tadashi [JP/JP]; 7-111, Nishimizue 3chome, Edogawa-ku, Tokyo 132-0015 (JP).

(74) DOBASHI, Hiroshi; 3-3-24, Ikeda, Kofushi, Yamanashi 400-0062 (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 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 B65D 47/06

(11) WO 03/095322 (13) A1

(21) PCT/KR03/00912

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-26308 9 May/mai 2002 (09.05.2002) KR

(30) 10-2003-12917 24 Feb/fév 2003 (24.02.2003) KR

(30) 10-2003-14190 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14193 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14194 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14195 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14196 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14197 3 Mar/mar 2003 (03.03.2003) KR

(30) 10-2003-14526 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14527 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14528 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14529 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14530 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14531 4 Mar/mar 2003 (04.03.2003) KR

(30) 10-2003-14532 4 Mar/mar 2003 (04.03.2003) KR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPOUT ASSEMBLY WITH SPOUTING GUIDE MEMBER

- ENSEMBLE BEC VERSEUR A ELEMENT DE GUIDAGE DE VERSEMENT

(71, 72) LEE, Jung-Min [KR/KR]; #1208, Misung APT. A-dong, 37 Yeouedo-dong, Youngdunpo-gu, Seoul 150-010 (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 B65D 47/08, 55/06

(11) WO 03/095323 (13) A1

(21) PCT/EP03/04738

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 202 07 423.4 10 May/mai 2002 (10.05.2002) DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HINGED LID CLOSURE PROVIDED WITH A TAMPER-EVIDENT ELEMENT FOR A CONTAINER CONTAINING A FREE-FLOWING PRODUCT

- SYSTEME DE BOUCHAGE PAR COUVERCLE A RESSORT, MUNI D'UN ELEMENT GARANTISSANT L'INVOLABILITE, POUR RECIPIENTS CONTENANT UN PRODUIT COULANT

(71) SEAQUIST-LÖFFLER KUNSTSTOFFWERK GMBH [DE/DE]; Löfflerstrasse 1, 94078 Freyung (DE).

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

(72, 75) GRASWALD, Martin [DE/DE]; Hochsteinstrasse 12, 94034 Passau (DE). JÄCKEL, Gerhard [DE/DE]; Zuppingerstrasse 11, 94078 Freyung (DE).

(74) GROENING, Hans, W. et al. / etc.; Boehmert & Boehmert, Pettenkoferstrasse 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 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 :

(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 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)

(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 B65D 51/14

(11) WO 03/095324 (13) A1

(21) PCT/EP03/04842

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 0210593.0 9 May/mai 2002 (09.05.2002) GB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTAINER FOR A BRUSHABLE COATING COMPOSITION

- RECIPIENT POUR COMPOSITION DE REVETEMENT POUVANT ETRE APPLIQUEE A LA BROUSSE

(71) IMPERIAL CHEMICAL INDUSTRIES PLC [GB/GB]; 20 Manchester Square, London W1U 3AN (GB). OWENS ILLINOIS PLASTICS LIMITED [GB/GB]; Irton House, The Tower Estate, Warpsgrove Lane, Chalgrove, Oxfordshire OX44 7TH (GB). KORNELIS KUNSTHARS PRODUCTEN INDUSTRIE BV [NL/NL]; Eesveenseweg 2, NL-8330 AA Steenwijk (NL).

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

(72, 75) HEATHER, Louise [GB/GB]; 26 Angus Drive, South Ruislip, Middlesex HA4 OSB (GB). PEACOP, Alexander, James [GB/GB]; 6 Bunnies Lane, Rowd, Devizes, Wiltshire SN10 2QB (GB). BOOTH, Peter [GB/GB]; 2 New Barn Cottage, Savernake, Wiltshire SN8 3AY (GB). VAN DE WAL, Hendrik [DE/NL]; Veenlanden 88, NL-8332 KT Steenwijk (NL). SMITH, Douglas, James, Broadhurst [GB/GB]; North Barn 13, The Green, Drayton, Oxfordshire OX14 4HZ (GB).

(74) FRANGOU, Andrew; ICI Paints, ICI Group Intellectual Property, P.O. Box 1883, Wexham Road, Slough PDO, Berkshire SL2 5FD (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 51/20, 51/16, 41/34, A61J 1/05, 1/14

(11) WO 03/095325 (13) A1

(21) PCT/JP03/05855

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135419 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTAMINATION PREVENTIVE CAP
• BOUCHON DE PREVENTION
CONTRE LA CONTAMINATION

(71) SANTEN PHARMACEUTICAL CO.,
LTD. [JP/JP]; 9-19, Shimoshinjo 3-chome,
Higashiyodogawa-ku, Osaka-shi, Osaka
533-8651 (JP).

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

(72, 75) YAMADA, Hiroshi [JP/JP]; c/o SAN-
TEN PHARMACEUTICAL CO., LTD.,
9-19, Shimoshinjo 3-chome, Higashiyo-
dogawa-ku, Osaka-shi, Osaka 533-8651 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki
5-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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 55/02

(11) WO 03/095326 (13) A1

(21) PCT/IT02/00300

(22) 7 May/mai 2002 (07.05.2002)

(25) it (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SAFETY CLOSURE DEVICE FOR
BOTTLES AND THE LIKE PROVIDED
WITH A TAMPER OPTICAL INDICA-
TOR

• DISPOSITIF DE FERMETURE DE
SECURITE POUR BOUTEILLES ET
SIMILAIRES COMPORTANT UN IN-
DICATEUR VISUEL D'OUVERTURE
ILLICITE

(71) GUALA CLOSURES S.p.A. [IT/IT]; Via S.
Giiovanni Bosco, 53/55, I-15100 Alessandria
(IT).

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

(72, 75) BATTEGAZZORE, Piero [IT/IT]; Via
Galileo Galilei, 74, I-15100 Alessandria (IT).

(74) PERANI, Aurelio et al. / etc.; c/o Perani
Mezzanotte & Partners s.r.l., Piazza San Ba-
bila, 5, 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).

(51)⁷ B65D 75/58, 75/00

(11) WO 03/095327 (13) A1

(21) PCT/CH02/00249

(22) 7 May/mai 2002 (07.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FILM BAG WITH POURING SPOUT

• SACHET EN FILM MINCE A BEC VER-
SEUR

(71) ELSAESSER VERPACKUNGEN A.G.
[CH/CH]; Industrie Neuhof, CH-3422 Kirch-
berg (CH).

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

(72, 75) KROPF, Martin [CH/CH];
Hofwilstrasse 20, CH-3053 Münchenbuchsee
(CH).

(74) BOVARD AG; Optingenstrasse 16, CH-3000
Bern 25 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 81/24, 65/40

(11) WO 03/095328 (13) A1

(21) PCT/JP02/04432

(22) 7 May/mai 2002 (07.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PRESERVING DRIED
POLYCARBONATE RESIN, AND
METHOD OF WET-MOLDING RESIN

• PROCEDE DE PRESERVATION DE
RESINE DE POLYCARBONATE SE-
CHEE ET PROCEDE DE MOULAGE
EN PHASE HUMIDE

(71) TEIJIN CHEMICALS, LTD. [JP/JP]; 2-2,
Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo
100-0011 (JP).

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

(72, 75) TOKUDA, Toshimasa [JP/JP]; c/o
Teijin Chemicals, Ltd., 2-2, Uchisaiwai-
cho 1-chome, Chiyoda-ku, Tokyo 100-0011
(JP). KURIMOTO, Katsura [JP/JP]; c/o
Teijin Chemicals, Ltd., 2-2, Uchisaiwai-
cho 1-chome, Chiyoda-ku, Tokyo 100-0011
(JP). NAGAHISA, Mitsuru [JP/JP]; c/o
Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho
1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(74) OHSHIMA, Masataka; Ohshima Patent Of-
fice, Fukuya Bldg., 3, Yotsuya 4-chome, Shin-
juku-ku, Tokyo 160-0004 (JP).

(81) CN 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 B65D 81/34

(11) WO 03/095329 (13) A1

(21) PCT/JP02/04559

(22) 10 May/mai 2002 (10.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BAG FOR ELECTRONIC OVEN
• SAC POUR FOUR ELECTRONIQUE

(71) YUGEN KAISHA APPEAL [JP/JP]; 14-4,
Abemokuzaidanchi 1-chome, Sakurai-shi,
Nara 633-0055 (JP). ARU CORP. [JP/JP];
85-1, Oaza Higashishindou, Sakurai-shi,
Nara 633-0068 (JP).

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

(72, 75) TANAKA, Kazuya [JP/JP]; 14-4, Abe-
mokuzaidanchi 1-chome, Sakurai-shi, Nara
633-0055 (JP).

(74) SAMEJIMA, Takenobu; Daika Kousan
Bldg. 2F, 7-3, Kitahorie 1-chome, Nishi-ku,
Osaka-shi, Osaka 550-0014 (JP).

(81) AU 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 B65D 83/00

(11) WO 03/095330 (13) A1

(21) PCT/US03/15084

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,370 **13 May/mai 2002** US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AEROSOL VALVE ACTUATOR

• ACTIONNEUR DE SOUPAPE D'AEROSOL

(71) **PRECISION VALVE CORPORATION** [US/US]; 700 Nepperhan Avenue, Yonkers, NY 10703 (US).

(72) **JACKSON, Nigel**; 60 Abbotts Grove, Werrington, Peterborough, PE4 5BT (GB). **KOLANUS, Gunter**; Am Eichwald 10, 65527-Niedernhausen (DE).

(74) **STEIDL, Daniel, H.**; Kilgannon & Steidl, 85 Pondfield Road, Bronxville, NY 10708 (US).

(81) AU BR CA CN IN JP KR MX RU SG UA 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 **B65D 83/04, 73/00**

(11) **WO 03/095331** (13) A1

(21) PCT/US03/14270

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/141,288 **8 May/mai 2002** US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHILD-RESISTANT BLISTER PACK

• EMBALLAGE-COQUE A SECURITE-ENFANTS

(71) **R.P. SCHERER TECHNOLOGIES, INC.** [US/US]; 2030 East Flamingo Road, Suite 260, Paradise Valley, NV 89119 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRENCH, Gary, Stuart** [GB/GB]; 65 Greengage Rise, Melbourn, Hertfordshire SG8 6DS (GB). **KIDD, Malcolm, Ronald** [GB/GB]; 60 Beech Avenue, Swindon Wiltshire SN2 1JR (GB).

(74) **STEFFENSMEIER, Michael, D. et al.** / etc.; Cardinal Health, Inc., 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 85/42, 73/00, B32B 31/00, 23/02**

(11) **WO 03/095332** (13) A1

(21) PCT/US03/09050

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 60/368,107 **26 Mar/mar 2002** US
(26.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD FOR FORMING A LAMINATE ASSEMBLY AND PRODUCTS FORMED THEREBY

• PROCEDE DE FORMATION D'ENSEMBLE STRATIFIE ET PRODUITS FORMES SELON CE PROCEDE

(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) **LO, Verna** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **VAN OORT, Michael, Mary** [CA/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **WALKER, Richard, Ian** [GB/GB]; 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).

(51)⁷ **B65D 83/14**

(11) **WO 03/095333** (13) A1

(21) PCT/RU02/00262

(22) **29 May/mai 2002 (29.05.2002)**

(25) ru (26) ru

(30) 2002111884 **8 May/mai 2002** RU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPRAYING CONTAINER

• RECIPIENT DE DISPERSION

(71) **WORLD LABORATORY COMPLEX TECHNOLOGY AND ENERGOTECHNOLOGICAL SYSTEM CENTER "CORTES"** [RU/RU]; ul. Maximova, 4, Moscow, 123098 (RU).

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

(72, 75) **STOLYAREVSKIY, Anatoly Yakovlevich** [RU/RU]; ul. Marshala Novikova, 19-1-6, Moscow, 123098 (RU).

(74) **WORLD LABORATORY COMPLEX TECHNOLOGY AND ENERGOTECHNOLOGICAL SYSTEM CENTER "CORTES"**; ul. Maximova, 4, Moscow, 123098 (RU).

(81) AU BA BG BR CA CH CN CZ HR HU ID IL IN JP KR LV MX NZ PL RO SG SI SK TR UA US VN YU.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); 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 83/44, 83/14, A61K 7/15, 8/04**

(11) **WO 03/095334** (13) A1

(21) PCT/US02/14421

(22) **8 May/mai 2002 (08.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POST-FOAMING GEL, CONTAINER THEREFOR AND APPARATUS AND METHOD FOR HEATING AND DISPENSING

• GEL A MOUSSAGE RETARDE, RECIPIENT PREVU A CET EFFET ET APPAREIL ET PROCEDE DE RECHAUFFEMENT ET DE DISTRIBUTION

(71) **S. C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) **MICHAELS, Kenneth, W.**; 208 Baron Drive, Spring Grove, IL 60081 (US). **HEATHCOCK, John, A.**; 5656 Emstan Hills Road, Racine, WI 53406 (US). **KUNESH, Edward, J.**; 5451 Nicholson Road, Franksville, WI 53126 (US). **MATHER, David, P.**; 1408 Manitowoc Avenue, Milwaukee, WI 53172 (US). **DE-MAREST, Scott, W.**; 7607 West River Road, Caledonia, WI 53108 (US). **ROBLING, Darren, K.**; 550 Sara Lane, Racine, WI 53402 (US). **SZYMCZAK, Thomas, J.**; 4300 - 108th Street, Franksville, WI 53126 (US). **EAGLETON, Clifford, S.**; 1000 South Loomis, Chicago, IL 60607 (US). **GACH, Eric, B.**; 8658 N. Osceola, Niles, IL 60714 (US). **GOLKO, Paul, J.**; 1581 Shelton Lane, Crystal Lake, IL 60014 (US). **GRUBER, Dennis, W.**; 1702 S. Fernandez, Arlington Heights, IL 60005 (US).

(74) **HOUSER, David, J.**; 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 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 85/14**

(11) **WO 03/095335** (13) A1

(21) PCT/US03/14109

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/139,899 **7 May/mai 2002** US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FLEXIBLE DUCT PACKAGING RESTRAINT AND CONTAINER AND METHOD FOR RESTRAINING AND CONTAINING

• MOYEN DE RETENUE ET CONTENANT D'EMBALLAGE A CONDUIT FLEXIBLE, ET PROCEDE DE RETENUE ET D'EMBALLAGE

- (71, 72) GRAY, William, R. [US/US]; 5505 Hunter Hollow Drive, Raleigh, NC 27606 (US).

- (74) SALAI, Stephen, B. et al. / etc.; Harter, Secrest & Emery LLP, 1600 Bausch & Lomb Place, Rochester, NY 14604-2711 (US).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 B65D 85/36

- (11) WO 03/095336 (13) A1

- (21) PCT/CA03/00677

- (22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en

- (30) 60/378,987 10 May/mai 2002 US (10.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SECTIONAL PIZZA BOX FOR AMBIDEXTROUS USE

• BOITE A PIZZA DECOUPABLE FACILITANT LA PRISE EN MAIN PAR LES DROITIERS ET LES GAUCHERS

- (71) PIZZA BOX 2000, INC. [CA/CA]; 441 Pelissier Street, Windsor, Ontario N9A 4L2 (CA).

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

- (72, 75) HOLDEN, Christopher, Guy, Lawrence [CA/CA]; P.O. Box 1306, Harrow, Ontario N0R 1G0 (CA).

- (74) GIERCZAK, Eugene, J., A.; c/o Miller Thomson LLP, 20 Queen Street West, Suite 2500, Toronto, Ontario M5H 3S1 (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 B65D 85/808

- (11) WO 03/095337 (13) A1

- (21) PCT/NO03/00142

- (22) 2 May/mai 2003 (02.05.2003)

- (25) no (26) en

- (30) 20022309 14 May/mai 2002 NO (14.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A METHOD AND A DEVICE FOR SUPPLYING NUTRIENTS TO A LIQUID

• PROCEDE ET DISPOSITIF D'ENRICHISSEMENT D'UN LIQUIDE PAR DES NUTRIMENTS

- (71, 72) NÆSJE, Kjetil [NO/NO]; Askeveien 8, N-4314 SANDNES (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 B65D 88/12, 90/14, 90/00, 90/18

- (11) WO 03/095338 (13) A1

- (21) PCT/EP03/04636

- (22) 2 May/mai 2003 (02.05.2003)

- (25) de (26) de

- (30) 102 20 746.1 8 May/mai 2002 DE (08.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • TRANSPORT PALLET AND THE USE THEREOF

• PALETTE DE TRANSPORT ET UTILISATION

- (71) LUFTHANSA CARGO CHARTER AGENCY GMBH [DE/DE]; Langer Kornweg 34 H, 65441 Kelsterbach (DE).

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

- (72, 75) KÜMPEL, Ernst [DE/DE]; Cranachstrasse 6, 64546 Mörfelden-Walldorf (DE).

- (74) KATSCHER, Helmut; Fröbelweg 1, 64291 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 B65G 1/02, 1/12, 1/137, 47/10, 57/00, 59/00, 61/00

- (11) WO 03/095339 (13) A1

- (21) PCT/NZ03/00090

- (22) 13 May/mai 2003 (13.05.2003)

- (25) en (26) en

- (30) 518940 13 May/mai 2002 NZ (13.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • APPARATUS FOR TRANSPORTING CONTAINERS

• APPAREIL DE TRANSPORT DE CONTENANTS

- (71) BAKVERTISI LIMITED [NZ/NZ]; 5 Fenton Street, Eden Terrace, 1003 Auckland (NZ).

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

- (72, 75) BAKER, John, Russell [NZ/NZ]; 4/38 Inkerman Street, Onehunga, 1006 Auckland (NZ). CALVERT, Alan, Sydney [NZ/NZ]; 27 Valley Road, RD 1, 1250 Waimauku (NZ). TULISI, Sandra, Louise [AU/AU]; 75/88 Cotlew Street East, Southport QLD 4215 (AU).

- (74) BALDWIN SHELSTON WATERS; P O Box 5999, Wellesley Street, 1001 Auckland (NZ).

- (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 SI 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 B65G 29/00

- (11) WO 03/095340 (13) A1

- (21) PCT/US03/04965

- (22) 18 Feb/fév 2003 (18.02.2003)

- (25) en (26) en
- (30) 10/143,384 **10 May/mai 2002** US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POWER DRIVEN CONVEYOR
• CONVOYEUR A MOTEUR
- (71) **BRIDGEWATER PRODUCTS, INC.** [US/US]; 101 Green Hills Drive, Saline, MI 48176 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **BRIDGEWATER, Paul** [US/US]; 101 Green Hills Drive, Saline, MI 48176 (US).
- (72) **JOHNSON, William**; 13148 SW 49TH Court, Miramar, FL 33027 (US).
- (81) AU BR CA CN IN JP KP 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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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA CN IN JP KP KR 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)

(t) for the following designations / pour les désignations suivantes : AU BR CA CN IN JP KP KR 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 **B65G 39/04, 49/06, B65H 5/06, H01L 21/68**
- (11) **WO 03/095341** (13) A1
- (21) PCT/JP03/05885
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) ja (26) ja
- (30) 2002-138363 **14 May/mai 2002** JP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CONVEYING DEVICE
• INSTALLATION DE TRANSPORT
- (71) **JAPAN STORAGE BATTERY CO., LTD.** [JP/JP]; 1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).
- (72) **SAKAMOTO, Hiromi**; c/o Japan Storage Battery Co., Ltd., 1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). **HANASAKA, Masanori**; c/o Japan Storage Battery Co., Ltd., 1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).
- (74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).
- (81) CN KR.

- (51)⁷ **B65G 47/22**
- (11) **WO 03/095342** (13) A1
- (21) PCT/US03/14493
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 60/379,348 **10 May/mai 2002** US
(10.05.2002)

- (30) 10/321,266 **16 Dec/déc 2002** US
(16.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PALLET HANDLING APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE MANIPULATION DE PALETTES
- (72, 75) **SMETS, Robert, D.** [US/US]; 26990 S. W. 45th Drive, Wilsonville, OR 97070 (US). **SMETS, John, S.** [US/US]; 11709 South Salmonberry Drive, Oregon City, OR 97045 (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 **B65G 47/46, 47/52, B07C 5/38**
- (11) **WO 03/095343** (13) A1
- (21) PCT/NZ03/00084
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 518851 **8 May/mai 2002** NZ
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SORTING APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE TRIAGE
- (71) **ANZPAC SYSTEMS LIMITED** [NZ/NZ]; 11 Spring Street, Onehunga, 1006 AUCKLAND (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KENNEDY, Hamish, Alexander, Nigel** [NZ/NZ]; 23 Rahiri Road, Mt Eden, Auckland (NZ).
- (74) **BALDWIN SHESLTON WATERS**; P.O. Box 5999, Wellesley Street, 1000 Auckland (NZ).
- (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 **B65G 67/00**
- (11) **WO 03/095344** (13) A1
- (21) PCT/US03/14406
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 10/143,590 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FOLDABLE RAMP
• RAMPE PLIABLE
- (71) **RICON CORP.** [US/US]; 7900 Nelson Road, Panorama City, CA 91402 (US).
- (72) **KORETSKY Dmitry**; 10201 Mason Avenue, Unit 22, Chatsworth, CA 91311 (US).
- (74) **GANS, Bernard, R.**; Jeffer, Mangels, Butler & Marmaro LLP, 1900 Avenue of the Stars, Seventh Floor, 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 **B65H 7/12**
- (11) **WO 03/095345** (13) A1
- (21) PCT/US03/14965
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 10/142,392 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DISPLACEMENT MEASUREMENT SYSTEM AND SHEET FEED SYSTEM INCORPORATING THE SAME
• DISPOSITIF DE MESURE DU DEPLACEMENT ET DISPOSITIF D'APPROVISIONNEMENT EN FEUILLES UTILISANT CE DISPOSITIF
- (71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
- (72) **VEJTASA, David S.**; 3551 Middlefield Road, Atherton, CA 94025 (US).
- (74) **HEMINGER, Susan E.**; Hewlett-Packard Company, IP Administration, P.O. Box 272400, Ft. 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).
- Published / Publiée : (c)
- (51)⁷ B65H 9/10, 5/02
- (11) WO 03/095346 (13) A1
- (21) PCT/EP03/04884
- (22) 9 May/mai 2003 (09.05.2003)
- (25) de (26) de
- (30) 102 20 907.3 10 May/mai 2002 DE (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DEVICE FOR HANDLING INDIVIDUAL FLAT, SHEET-LIKE OBJECTS OR DOCUMENTS
- DISPOSITIF DE MANIPULATION SERVANT A MANIPULER DES OBJETS OU DES DOCUMENTS INDIVIDUELS PLATS EN FORME DE FEUILLE
- (71) PITNEY BOWES DEUTSCHLAND GMBH [DE/DE]; Grüner Weg 8, 61169 Friedberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STING, Martin [DE/DE]; Hinter der Mauer 68, 61118 Bad Vilbel (DE).
- (74) KUHNER & WACKER; Patent-und Rechtsanwaltsbüro, Prinz-Ludwig-Strasse 40a, 85354 Freising (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)
- Declaration / Déclaration :
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- (51)⁷ B65H 19/30
- (11) WO 03/095347 (13) A1
- (21) PCT/JP03/05068
- (22) 21 Apr/avr 2003 (21.04.2003)
- (25) ja (26) ja
- (30) 2002-138806 14 May/mai 2002 JP (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • WINDING DEVICE OF SLITTER
- DISPOSITIF D'ENROULEMENT D'UNE MACHINE A DECOUPER
- (71) NISHIMURA SEISAKUSHO CO., LTD. [JP/JP]; 21, Minami Nawashiro-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8113 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NARITA, Keizo [JP/JP]; 13-28, Mibu Naginomiya-cho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8821 (JP). KIMURA, Hiroshi

- [JP/JP]; 6-1, Daisendai 1-chome, Nishi Tsutsujigaoka, Kameoka-shi, Kyoto 621-0843 (JP). KATO, Minoru [JP/JP]; Kodan Momoyama Minami Danchi, 9-202, 38-2, Oshima, Momoyama-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8006 (JP).
- (74) TAKEISHI, Yasuhiko et al. / etc.; Minoru Patent Agency, Chiyoda Seimei Kyoto Oike Bldg. 8F, 200, Takamiya-cho, Oike-dori, Takakura Nishi-iru, Nakagyo-ku, Kyoto-shi, Kyoto 604-0835 (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 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 B65H 26/02, G01N 21/89
- (11) WO 03/095348 (13) A1
- (21) PCT/DE03/00347
- (22) 7 Feb/fév 2003 (07.02.2003)
- (25) de (26) de
- (30) 102 19 541.2 2 May/mai 2002 DE (02.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DEVICE AND METHOD FOR DETECTING WEB BREAKAGE IN A WEB PROCESSING MACHINE
- PROCEDE ET DISPOSITIF POUR DETECTER UNE RUPTURE DE BANDE SUR UNE MACHINE D'USINAGE DE BANDE
- (71) KOENIG & BAUER AKTIENGESELLSCHAFT [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEYFRIED, Rüdiger, Karl [DE/DE]; Am Hoffeld 28, 97265 Hettstadt (DE).
- (74) KOENIG & BAUER AKTIENGESELLSCHAFT; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 B65H 45/08, 45/22, 23/02
- (11) WO 03/095349 (13) A1
- (21) PCT/US03/14347

- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 10/143,209 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ADJUSTABLE, SELF-CORRECTING WEB SUBSTRATE FOLDING SYSTEM
- SYSTEME DE PLIAGE REGLABLE ET A AUTOCORRECTION D'UN SUBSTRAT SOUS FORME DE BANDE CONTINUE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) HARNISH, David, Alan; 14 E.Third Street, Maysville, KY 41056 (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).
- 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 B66B 11/02, 5/00
- (11) WO 03/095350 (13) A1
- (21) PCT/US03/14273
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 2002-133425 9 May/mai 2002 JP (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SAFETY FENCE AT UPPER PART OF CAB
- BARRIERE DE PROTECTION A LA PARTIE SUPERIEURE DE CABINE

(71) **OTIS ELEVATOR COMPANY** [US/US]; Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **NAKAMURA, Ryushu** [JP/JP]; Nippon Otis Elevator, 2700-50, Koike, Shibayama-Machi, Sanbu-gun, Chiba-ken, Chiba (JP).

(74) **OSBORN, Thomas** et al. / etc.; Otis Elevator Company, Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032 (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 SE SI SK TR).

(51)⁷ **B66B 13/30**

(11) **WO 03/095351** (13) A1

(21) PCT/JP03/05862

(22) **12 May/mai 2003 (12.05.2003)**

(25) ja (26) ja

(30) 2002-136046 **10 May/mai 2002** JP
(10.05.2002)

(30) 2002-173302 **13 Jun/juin 2002** JP
(13.06.2002)

(30) 2002-185695 **26 Jun/juin 2002** JP
(26.06.2002)

(30) 2002-242798 **23 Aug/août 2002** JP
(23.08.2002)

(30) 2003-122557 **25 Apr/avr 2003** JP
(25.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DOOR DEVICE OF ELEVATOR**

• DISPOSITIF DE PORTE D'ASCENSEUR

(71) **TOYO SHUTTER CO., LTD.** [JP/JP]; 1-2-10, Minamishinmachi, Chuo-ku, Osaka-shi, Osaka 540-0024 (JP). **FUJITEC CO., LTD.** [JP/JP]; 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP).

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

(72, 75) **MOROTOME, Mitsuru** [JP/JP]; c/o TOYO SHUTTER CO., LTD., 1596-6, Yuzaki, Kawanishicho, Shiki-gun, Nara 636-0202 (JP). **YOSHIDA, Hiroyuki** [JP/JP]; c/o FUJITEC CO., LTD., 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP). **IRIE, Atsushi** [JP/JP]; c/o FUJITEC CO., LTD., 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP). **YAMAUCHI, Mizuki** [JP/JP]; c/o FUJITEC CO., LTD., 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP).

(74) **NISHIOKA, Nobuyasu**; Sumitomoseimei Onishi Bldg. 10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (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 **B66C 13/18**

(11) **WO 03/095352** (13) A1

(21) PCT/US03/14400

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/378,813 **8 May/mai 2002** US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHODS AND APPARATUS FOR MANIPULATION OF HEAVY PAYLOADS WITH INTELLIGENT ASSIST DEVICES**

• PROCEDES ET APPAREIL DE MANIPULATION DE CHARGES UTILES LOURDES AU MOYEN DE DISPOSITIFS D'ASSISTANCE INTELLIGENTS

(71) **THE STANLEY WORKS** [US/US]; 1000 Stanley Drive, New Britain, CT 06053 (US).

(72) **COLGATE, J., Edward**; 2210 Asbury Avenue, Evanston, IL 60201 (US). **DECKER, Paul, E.**; 3819 North Hoyne, Chicago, IL 60618 (US). **KLOSTERMEYER, Stephen, H.**; 2605 Bel Air, Arlington Heights, IL 60004 (US). **MAKHLIN, Alexander**; 4011 North Kenmore #302, Chicago, IL 60613 (US). **MEER, David**; 8641 Central Park Avenue, Skokie, IL 60076 (US). **SANTOS-MUNNE, Julio, J.**; 1750 Henley Road #23, Glenview, IL 60025 (US). **PESHKIN, Michael, A.**; 927 Asbury Avenue, Evanston, IL 60202 (US). **ROBIE, Michael**; 190 Farmgate Drive, Schaumburg, IL 60193 (US).

(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B67C 3/22, 3/10, 7/00**

(11) **WO 03/095353** (13) A1

(21) PCT/EP03/04818

(22) **8 May/mai 2003 (08.05.2003)**

(25) de (26) de

(30) 102 20 695.3 **10 May/mai 2002** DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DEVICE FOR REMOVING OXYGEN FROM BEVERAGE CONTAINERS**

• DISPOSITIF POUR ELIMINER L'OXYGENE DANS DES CONTENANTS DE BOISSON

(71) **ALPLAS GMBH** [DE/DE]; Heselstücken 3, 22453 Hamburg (DE).

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

(72, 75) **PÖPPLAU, Jens, H.** [DE/DE]; Irma-Sperling-Weg 35, 22297 Hamburg (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).

(51)⁷ **B67D 5/02, 5/33**

(11) **WO 03/095354** (13) A1

(21) PCT/US03/14738

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,881 **10 May/mai 2002** US
(10.05.2002)

(30) 10/434,392 **8 May/mai 2003** US
(08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHOD AND SYSTEM OF PROVIDING A PRODUCT IN A REFILLABLE CONTAINER**

• PROCEDE ET SYSTEME DE DISTRIBUTION D'UN PRODUIT DANS UN CONTENANT REUTILISABLE

(71) **ECOLAB INC.** [US/US]; Ecolab Center, Saint Paul, MN 55102 (US).

(72) **SCHUMAN, Allan, L.**; 9349 Olympia Drive, Eden Prairie, MN 55347 (US). **OUTLAW, Tina, O.**; 3849 E. 78th Street, Inver Grove Heights, MN 55076 (US). **OLSON, Keith, E.**; 13966 Edenwood Court, Apple Valley, MN 55124 (US). **ANDERSON, Bryan, M.**; 400 Selby Avenue #405, St. Paul, MN 55102 (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).

Published / Publiée : (a)

(51)⁷ B67D 5/08

(11) WO 03/095355 (13) A1

(21) PCT/US02/25891

(22) 14 Aug/août 2002 (14.08.2002)

(25) en (26) en

(30) 10/124,643 17 Apr/avr 2002 US
(17.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATED TANKER UNLOADING
SYSTEM• SYSTEME AUTOMATISE DE DE-
CHARGEMENT D'UN CAMION-CI-
TERNE(71, 72) HYNICK, Andrew, T. [US/US]; 1617
South Dover Road, Dover, FL 33527 (US).(74) COLITZ, Michael, J., Jr.; 217 Harbor View
Lane, Largo, FL 33770 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 B81B

(11) WO 03/095356 (13) A2

(21) PCT/US03/13439

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/156,780 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICRO ELECTRO-MECHANICAL
SYSTEM WITH ONE OR MORE MOV-
ING PARTS METHOD AND APPARA-
TUS• SYSTEME MICRO-ELECTROMECA-
NIQUE DOTE D'AU MOINS UNE PAR-
TIE MOBILE, PROCEDE ET APPAREIL(71) MOTOROLA, INC., A CORPORA-
TION OF THE STATE OF DELAWARE
[US/US]; 1303 East Algonquin Road,
Schaumburg, IL 60196 (US).(72) LANE, Spencer, A.; 16 Crescent City,
Irvine, CA 92602 (US). JONNALAGADDA,
Krishna.; 2316 Barrett Drive, Algonquin, IL
60102 (US). ELIACIN, Manes.; 264 Apple-
tree Circle, Buffalo Grove, IL 60089 (US).(74) NICHOLS, Daniel, K. et al. / etc.; MO-
TOROLA, 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 B81B 7/00

(11) WO 03/095357 (13) A2

(21) PCT/US03/11516

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/141,315 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ON-WAFER PACKAGING FOR
RF-MEMS• BOITIER SUR PLAQUETTE POUR
MEMS HF(63) US 10/141,315 (CON)
8 May/mai 2002 (08.05.2002)(71) THE REGENTS OF THE UNIVERSITY
OF MICHIGAN [US/US]; Technology
Management Office, Wolverine Tower, Room
2071, 3003 S. State Street, Ann Arbor, MI
48109-1280 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MARGOMENOS, Alexandros
[GR/US]; 409 E. Kingsley #12, Ann Arbor,
MI 48104 (US). HERRICK, Katherine, J.
[US/US]; 20 Old Lowell Rd., Westford, MA
01886 (US). BECKER, James, P. [US/US];
2904 Secor Avenue, Bozeman, MT 59715
(US). KATEHI, Linda, P., B. [US/US];
38755 Harvard Court, Northville, MI 48167
(US).(74) ERJAVAC, Stanley, M. et al. / etc.; Har-
ness, 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
(u) for / pour US only / seulement(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement(51)⁷ B81C 1/00, B01L 3/00, 9/00

(11) WO 03/095358 (13) A2

(21) PCT/US03/14962

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,878 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF FORMING MANOFLU-
IDIC CHANNELS• PROCEDE DE FORMATION DE CA-
NAUX FLUIDIQUES D'ECHELLE
NANOMETRIQUE(71) THE REGENTS OF THE UNIVERSITY
OF MICHIGAN [US/US]; Technology
Management Office, Wolverine Tower, 3003
S. State Street, Ann Arbor, MI 48109-1280
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GUO, Lingjie, J. [CN/US]; 4910 Ravine
Ct., Ann Arbor, MI 48105 (US). CHENG,
Xing [CN/US]; 1929 Plymouth Road #1012,
Ann Arbor, MI 48105 (US).(74) ERJAVAC, Stanley, M. et al. / etc.; Har-
ness, 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
(u) for / pour US only / seulement(51)⁷ C01B

(11) WO 03/095359 (13) A2

(21) PCT/US03/14255

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

- (30) 60/379,139 **8 May/mai 2002** US
(08.05.2002)
- (30) 60/379,067 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NANOTUBE MAT WITH AN ARRAY OF CONDUITS
• SUPPORT DE NANOTUBES COMPORTANT UN ENSEMBLE DE CONDUITS
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).
- (72) HUIE, Philip, Jr.; 7614 Kirwin Lane, Cupertino, CA 95014 (US). FISHMAN, Harvey, A.; 400 Claremont Way, Menlo Park, CA 94025 (US).
- (74) ALBOSZT, Marek et al. / etc.; LUMEN IPS, 45 Cabot Ave., Suite 110, Santa Clara, CA 9505/-6670 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 C01B 13/32, C01G 19/00, H01B 1/08
- (11) WO 03/095360 (13) A1
- (21) PCT/EP03/04780
- (22) 7 May/mai 2003 (07.05.2003)
- (25) de (26) de
- (30) 02/05784 **10 May/mai 2002** FR
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR THE PRODUCTION OF A METAL OXIDE POWDER OR A SEMICONDUCTOR OXIDE POWDER, OXIDE POWDER, SOLID BODY, AND THE USE THEREOF
• PROCEDE DE PRODUCTION D'UNE POUDRE D'OXYDE METALLIQUE OU D'UNE POUDRE D'OXYDE SEMI-CONDUCTEUR, POUDRE D'OXYDE, CORPS SOLIDE ET SON UTILISATION
- (71) W. C. HERAEUS GMBH & CO. KG [DE/DE]; Heraeusstrasse 12-14, 63450 Hanau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEROLE, Bernard [FR/FR]; L'Enfer, F-26380 Peyrins (FR). SEROLE, Michelle [FR/FR]; L'Enfer, F-26380 Peyrins (FR).
- (74) KÜHN, Hans-Christian; Heraeus Holding GmbH, Schutzrechte, Heraeusstrasse 12-14, 63450 Hanau (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 C01B 15/06, 11/06, C02F 1/50, 1/76

(11) WO 03/095361 (13) A1

(21) PCT/US03/14246

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/377,968 **7 May/mai 2002** US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CATALYTIC OXIDATION OF PEROXY SALTS

• OXYDATION CATALYTIQUE DE PEROXYSELS

(71) BIOLAB, INC. [IN/US]; 121 New Street, Decatur, GA 30030 (US).

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

(72, 75) RAWAT, Nidhi [US/US]; 1423 D, Druid Valley Drive, N.E., Atlanta, GA 30329 (US). PURDY, David, [US/US]; 2758 Royal Bluff, Decatur, GA 30030 (US). LACHOCKI, Thomas, M. [US/US]; 6980 Devonhall Way, Duluth, GA 30097 (US).

(74) WEILACHER, Robert, G. et al. / etc.; Smith, Gambrell & Russell, LLP, 1230 Peachtree Street, N.E., Suite 3100, Pridemore II, Atlanta, GA 30309-3592 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 C01B 31/02

(11) WO 03/095362 (13) A2

(21) PCT/CA03/00694

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 2,385,802 **9 May/mai 2002** CA
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR PRODUCING SINGLE-WALL CARBON NANOTUBES

• PROCEDE ET DISPOSITIF DE PRODUCTION DE NANOTUBES DE CARBONE A PAROI SIMPLE

(71) INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE [CA/CA]; 1650, boulevard Lionel-Boulet, Varennes, Québec J3X 1S2 (CA).

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

(71, 72) SMILJANIC, Olivier [CA/CA]; 3590 Ridgewood, Apt. 301, Montreal, Québec H3V 1C2 (CA). STANSFIELD, Barry, L. [CA/CA]; 1140 Montcalm, St. Bruno, Québec J3V 3G8 (CA).

(74) OGILVY RENAULT et al. / etc.; 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).

(51)⁷ C01B 31/04

(11) WO 03/095363 (13) A1

(21) PCT/EP03/04925

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 213.9 **13 May/mai 2002** DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR SEPARATING CRYSTALLINE GRAPHITE FROM A SOLIDS MIXTURE CONTAINING CARBON, PARTICULARLY BLAST FURNACE DUSTS

• PROCEDE DE SEPARATION DE GRAPHITE CRISTALLIN CONTENU DANS UN MELANGE DE MATIERES SOLIDES CARBONE, EN PARTICULIER DES POUSSIÈRES DE HAUTS FOURNEAUX

(71) THYSSENKRUPP STAHL AG [DE/DE]; Kaiser-Wilhelm-Strasse 100, 47166 Duisburg (DE).

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

(72, 75) WIENSTRÖER, Stefan [DE/DE]; Von-Galen-Str. 20, 59063 Hamm (DE). DIRKS, Detlef [DE/DE]; Am Viegenghof 53, 47445 Moers (DE). TEBECK, Andreas [DE/DE]; Ehrenstr. 45, 47198 Duisburg (DE). MITTELSTÄDT, Horst [DE/DE]; Flurstr. 47b, 46535 Dinslaken (DE). FLOCK, Jörg [DE/DE]; Hengstenbergstr. 10a, 58239 Schwerte (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 VC VN YU ZA ZM ZW.

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

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01F 7/06, 7/47, B01D 21/01, 37/03
(11) WO 03/095364 (13) A1
(21) PCT/AU03/00554
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
(30) PS 2248 10 May/mai 2002 AU (10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD FOR CLARIFYING BAYER PROCESS LIQUORS
• PROCEDE DE CLARIFICATION DE LIQUEURS BAYER
(71) ALCOA OF AUSTRALIA LIMITED [AU/AU]; Cockburn Road, Kwinana, Western Australia 6167 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ROACH, Gerald, Dunstan [AU/AU]; 21 Cross Street, Swanbourne, Western Australia 6010 (AU). CORNELL, John, Bernard [AU/AU]; 59 Tain Street, Ardross, Western Australia 6153 (AU). HECKLEY, Philip, Scott [AU/AU]; 30 Garling Street, Willagee, Western Australia 6156 (AU). RILEY, Geoffrey, William [AU/AU]; 4 Misslin Place, Leeming, Western Australia 6149 (AU). NICOLI, Denis [AU/AU]; 8 Riche Court, Mandurah, Western Australia 6210 (AU).
(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, 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 C02F
(11) WO 03/095365 (13) A2
(21) PCT/GB03/01900
(22) 6 May/mai 2003 (06.05.2003)
(25) en (26) en
(30) 0210423.0 8 May/mai 2002 GB (08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • WATER FILTER ASSEMBLY
• ENSEMBLE FILTRE D'EAU
(71) V.A. HEATING LTD [GB/GB]; 38 Yeaman Street, Stoke-on-Trent ST4 4AP (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SUMNER, Mark, Christopher [GB/GB]; 38 Yeaman Street, Stoke-on-Trent ST4 4AP (GB). SUMNER, Paul, Andrew [GB/GB]; 38 Yeaman Street, Stoke-on-Trent ST4 4AP (GB).
(74) SALES, Robert, Reginald; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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 C02F
(11) WO 03/095366 (13) A2
(21) PCT/US02/39946
(22) 13 Dec/déc 2002 (13.12.2002)
(25) en (26) en
(30) 10/120,339 9 May/mai 2002 US (09.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • CLOSED LOOP CONTROL OF BOTH PRESSURE AND CONTENT OF BALLAST TANK GASES TO AT DIFFERENT TIMES KILL BOTH AEROBIC AND ANAEROBIC ORGANISMS WITHIN BALLAST WATER
• COMMANDE EN BOUCLE FERMEE A LA FOIS DE LA PRESSION ET DU CONTENU DE GAZ DE CITERNES DE BALLAST AFIN DE TUER, A DES MOMENTS DIFFERENTS, A LA FOIS DES ORGANISMES AEROBIES ET ANAEROBIES DANS L'EAU DE BALLAST
(71) MH Systems, Inc. [US/US]; 10951 Sorrento Valley Road, Suite 2F, San Diego, CA 92121-1613 (US).
(72) HUNTER, Henry; c/o MH Systems, 10951 Sorrento Valley Road, Suite 2F, San Diego, CA 92121-1613 (US). APPLE, Robert; c/o MH Systems, 10951 sorrento Valley Road, Suite 2F, San Diego, CA 92121-1613 (US).
(74) FUESS, William, C.; Fuess & Davidenas, Suite II-G, 10951 Sorrento Valley Road, Suite II-G, San Diego, CA 92121-1613 (US).
(81) 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 SI SK TR).
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- (51)⁷ C02F 1/02, B67D 1/07, A61L 2/07
(11) WO 03/095367 (13) A1
(21) PCT/GB02/02097
(22) 7 May/mai 2002 (07.05.2002)
(25) en (26) en
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • SELF-SANITISING WATER TREATMENT APPARATUS WITH A RESERVOIR FOR TREATED WATER THAT INCLUDES A HEATING ELEMENT
• APPAREIL DE TRAITEMENT D'EAU A AUTO-STERILISATION POSSEDANT UN RESERVOIR POUR EAU TRAITÉE QUI COMPREND UN ELEMENT CHAUFFANT
(71) THE COCA-COLA COMPANY [US/US]; One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WILLIAMS, Graham [GB/GB]; 96 Saxon Wood Road, Shirley, Solihull, West Midlands B90 4JR (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 C02F 1/28, B01J 20/30, C01B 31/10, B01J 21/18 // C02F 101:38
(11) WO 03/095368 (13) A1
(21) PCT/US03/14318
(22) 7 May/mai 2003 (07.05.2003)
(25) en (26) en
(30) 10/144,201 10 May/mai 2002 US (10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • REMOVAL OF CHLORAMINES FROM DRINKING WATER WITH IMPROVED ACTIVATED CARBON
• ELIMINATION DE CHLORAMINES D'UNE EAU POTABLE AVEC UN CHARBON ACTIF AMELIORE
(71) MEADWESTVACO CORPORATION [US/US]; Law Department, 4850D North Church Lane, Smyrna, GA 30080 (US).
(72) BAKER, Frederick, Stanley; 118 Cain-hoy Landing Road, Wando, SC 29492 (US). BRYNE, Jane, Fiona; 1141 Waterfront Drive, Mount Pleasant, SC 29464 (US).
(74) MCDANIEL, Terry, B. et al. / etc.; West-vaco Corporation, 5255 Virginia Avenue, Charleston, SC 29423-8005 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/32, B01J 19/12, A61L 2/10

(11) WO 03/095369 (13) A1

(21) PCT/CA03/00656

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 102 21 037.3 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DOUBLE-WALLED CHAMBER FOR ULTRA VIOLET RADIATION TREATMENT OF LIQUIDS

• CHAMBRE A PAROI DOUBLE POUR TRAITEMENT DE LIQUIDES PAR RAYONNEMENT ULTRAVIOLET

(71) TROJAN TECHNOLOGIES INC. [CA/CA]; 3020 Gore Road, London, Ontario N5V 4T7 (CA).

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

(72, 75) UEBERALL, Peter [DE/DE]; Theodor Storm Allee 40, 25436 Uetersen (DE).

(74) NASSIF, Omar, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 C02F 1/36

(11) WO 03/095370 (13) A1

(21) PCT/US02/14082

(22) 6 May/mai 2002 (06.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SHIP BALLAST WATER ULTRASONIC TREATMENT

• TRAITEMENT PAR ULTRASONS D'EAU DE BALLAST DE NAVIRE

(71) OCEANIT LABORATORIES, INC. [US/US]; 1001 Bishop Street, Pacific Tower, Suite 2970, Honolulu, HI 96813-2833 (US).

(72) SULLIVAN, Patrick, K.; 1001 Bishop Street, Pacific Tower, Suite 2970, Honolulu, HI 96813-2833 (US). BOURKE, Robert, E.; 1001 Bishop Street, Pacific Tower, Suite 2970, Honolulu, HI 96813-2833 (US). SULLIVAN, Christopher, J.; 1001 Bishop Street, Pacific Tower, Suite 2970, Honolulu, HI 96813-2833 (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 C02F 1/52, 1/44, B01D 21/08, 61/18, 63/08

(11) WO 03/095371 (13) A1

(21) PCT/EP03/04826

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 743.7 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WATER TREATMENT METHOD AND WATER TREATMENT SYSTEM

• PROCEDE ET INSTALLATION DE TRAITEMENT DES EAUX

(71) PASSAVANT-ROEDIGER ANLAGEN-BAU GMBH [DE/DE]; Kinzigheimer Weg 104 - 106, 63450 Hanau (DE).

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

(72, 75) GERLACH, Markus [DE/DE]; Haagstrasse 26c, 63486 Bruchköbel (DE).

(74) STOFFREGEN, Hans-Herbert; Friederich-Ebert-Anlage 11b, 63450 Hanau (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).

Published / Publiée : (c)

(51)⁷ C02F 1/64

(11) WO 03/095372 (13) A2

(21) PCT/FR03/01369

(22) 30 Apr/avr 2003 (30.04.2003)

(25) fr (26) fr

(30) 02/05754 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR TREATING WATER CONTAINING IRON, MANGANESE AND ARSENIC

• PROCEDE DE TRAITEMENT DES EAUX CONTENANT DU FER, DU MANGANESE ET DE L'ARSENIC.

(71) OTV S.A. [FR/FR]; L'Aquarène, 1, Place Montgolfier, F-94417 SAINT MAURICE Cédex (FR).

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

(72, 75) GAID, Abdelkader [FR/FR]; 16, rue d'Alésia, F-75014 PARIS (FR).

(74) LARCHER, Dominique; Le Nobel, 2, allée Antoine Becquerel, BP 90333, F-35703 RENNES Cédex 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 C02F 1/68

(11) WO 03/095373 (13) A1

(21) PCT/JP03/05824

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/136163 10 May/mai 2002 JP (10.05.2002)

(30) 2002/181351 21 Jun/juin 2002 JP (21.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WATER CONTAINING ACTIVE HYDROGEN AND PROCESS FOR PRODUCING THE SAME

• EAU CONTENANT DE L'HYDROGENE ACTIF ET SON PROCEDE DE PRODUCTION

(71) UNIFEED ENGINEERING CO., LTD. [JP/JP]; 89-4, Zabori 1-chome, Musashimurayama-shi, Tokyo 208-0034 (JP).

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

(72, 75) USUI, Kei [JP/JP]; c/o Unifeed Engineering Co., Ltd., 89-4, Zabori 1-chome, Musashimurayama-shi, Tokyo 208-0034 (JP).

(74) AGATA, Akira et al. / etc.; Agata Patent Office, 3rd Floor, Ikenden Building, 12-5, Shim-bashi 2-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/34, C12N 1/20

(11) WO 03/095374 (13) A1

(21) PCT/DE03/01538

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 226.0 13 May/mai 2002 DE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITION AND METHOD FOR SANITIZING BIOGENIC WASTES

• COMPOSITION ET PROCÉDE D'HYGIENISATION DE DECHETS BIOGENES

(71) GEORG FRITZMEIER GMBH & CO. [DE/DE]; Umwelttechnik, Forststrasse 2, 85655 Grosshelfendorf (DE).

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

(72, 75) UPHOFF, Christian [DE/DE]; Kampenwandstrasse 100, 83299 Aschau (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE - PARTNERSCHAFT -; Patent- und Rechtsanwaltskanzlei, Bavariaring 10, 80336 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).

(51)⁷ C02F 9/00, 1/72

(11) WO 03/095375 (13) A1

(21) PCT/US03/15166

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/145,340 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR THE REMOVAL OF ORGANIC SULFUR IN WASTEWATER INCLUDING AN OXIDATIVE PRE-TREATMENT

• PROCÉDE PERMETTANT DE RÉDUIRE LA QUANTITÉ DE SOUFRE ORGANIQUE DANS DES EAUX RESIDUAIRES, NOTAMMENT À L'AIDE D'UN PRETRAITEMENT D'OXYDATION

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) CAMP, Carl, Eugene; 1118 Bardell Drive, Wilmington, DE 19808 (US). HNAT, John, George, Jr.; 435 Kirks Mill Road, Nottingham, PA 19362 (US).

(74) SHAY, Lucas, K.; E.I. Dupont 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).

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 C02F 9/02, 9/04, 1/78

(11) WO 03/095376 (13) A1

(21) PCT/CA03/00676

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 2,385,828 10 May/mai 2002 CA (10.05.2002)

(30) 2,422,608 19 Mar/mar 2003 CA (19.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRANSPORTABLE WATER TREATMENT APPARATUS

• APPAREIL TRANSPORTABLE DE TRAITEMENT DE L'EAU

(71) DAGUA INC. [CA/CA]; 103, rue Bouchard, Ganby, Quebec J2G 2G9 (CA).

(72) LACASSE, Maurice; 20, Cooper, Chambly, Québec J3L 4Y5 (CA).

(74) BROUILLETTE, Robert et al. / etc.; Brouillette Kosie Prince, 1100, René-Lévesque West, 25th Floor, Montréal, Québec, H3B 5C9 (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 C02F 11/00, 9/00, B01D 36/02, 27/06

(11) WO 03/095377 (13) A1

(21) PCT/US03/14835

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,023 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FILTRATION SYSTEM SUITABLE FOR REGENERATION EMPLOYING MICROWAVE ENERGY

• SYSTÈME DE FILTRATION SUSCEPTIBLE D'ÊTRE RÉGÉNÉRÉ PAR ÉNERGIE MICRO-ONDE

(71) INDUSTRIAL CERAMIC SOLUTIONS, INC [US/US]; 1010 Commerce Park Drive, Suite I, Oak Ridge, TN 37830 (US).

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

(72, 75) NIXDORF, Richard, D. [US/US]; 1010 Commerce Park Drive, Suite I, Oak Ridge, TN 37830 (US).

(74) HODGES, Paul, E. et al. / etc.; PITTS & BRITTIAN, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL 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 C03B 33/033, 27/00, 23/023

(11) WO 03/095378 (13) A2

(21) PCT/FR03/01417

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05956 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GLASS CUTTING METHOD WHICH DOES NOT INVOLVE BREAKING

• VITRAGE DECOUPE SANS ROMPAGE

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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

(71) VALLADEAU, Serge [FR/FR]; 6, rue Faidherbe, F-93700 Drancy (FR).
(only for / seulement pour US)

(72, 75) GAUME, Olivier [FR/FR]; 31, rue Voltaire, F-92300 Levallois-Perret (FR).

(74) 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).

(51)⁷ C03B 37/012, 37/027

(11) WO 03/095379 (13) A1

(21) PCT/JP03/05760

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134697 9 May/mai 2002 JP (09.05.2002)

(30) 2002-199163 8 Jul/juil 2002 JP (08.07.2002)

(30) 2002-199164 8 Jul/juil 2002 JP (08.07.2002)

(30) 2002-199165 8 Jul/juil 2002 JP (08.07.2002)

(30) 2002-199166 8 Jul/juil 2002 JP (08.07.2002)

(30) 2002-199167 8 Jul/juil 2002 JP (08.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF MANUFACTURING OPTICAL FIBER

• PROCEDE DE FABRICATION DE FIBRES OPTIQUES

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).

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

(72, 75) MORIHIRA, Hideya [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
UEHARA, Masamitsu [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
KAMIYA, Tamotsu [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).

(74) KAWAWA, Takaho; 1-10, Mita 3-chome, Minato-ku, Tokyo 108-0073 (JP).

(81) CN US.

Published / Publiée : (a)

(51)⁷ C03C

(11) WO 03/095380 (13) A2

(21) PCT/US03/13222

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/140,229 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL COMBINATIONS FOR USE AS TONERS IN POLYESTERS

• NOUVELLES COMBINAISONS UTILISEES COMME VIREURS DANS DES POLYESTERS

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) DANIELSON, Todd D.; 129 Riveredge Drive, Moore, SC 29369 (US).
SPRINKLE, Jason; 716 A. Alderwood Road, Woodruff, SC 29388 (US).
CONNOR, Daniel; 111 Bentwood Drive, Inman, SC 29349 (US).
HYDER, Donnie; 169 Lewis Burnett Drive, Boiling Springs, SC 29316 (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).

(51)⁷ C03C 8/04, 8/02, H01J 31/12, 29/87

(11) WO 03/095381 (13) A1

(21) PCT/JP03/05825

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/138589 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GLASS, METHOD FOR PRODUCTION THEREOF, AND FED DEVICE

• VERRE, SON PROCÉDÉ DE PRODUCTION, ET DISPOSITIF D'ÉCRAN À ÉMISSION DE CHAMP

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).

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

(72, 75) NAKASHIMA, Tetsuya [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
MAEDA, Kei [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (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 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 C03C 14/00, C04B 32/00, 14/22, B2B 3/12

(11) WO 03/095382 (13) A1

(21) PCT/FR03/01421

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05798 10 May/mai 2002 FR (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYNTHETIC STONE, PRODUCTION METHOD THEREOF AND INSTALLATION FOR SAME

• PIERRE DE SYNTHÈSE, PROCÉDÉ DE FABRICATION ET INSTALLATION POUR SA MISE EN ŒUVRE

(71, 72) KAST, Fabrice [FR/FR]; La Géline, Chemin de Banon Nord, Les Lauves, F-13100 Aix-en-Provence (FR).

(72, 75) QUERE, Armand [FR/FR]; 7, rue du Cimitière, F-94360 Bry-sur-Marne (FR).

(74) SANTARELLI; 14, avenue de la Grande-Armée, Boîte postale 237, F-75822 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 C03C 17/00

(11) WO 03/095383 (13) A2

(21) PCT/US03/12689

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 60/376,000 25 Apr/avr 2002 US (25.04.2002)

(30) 10/133,805 25 Apr/avr 2002 US (25.04.2002)

- (30) 10/397,001 **25 Mar/mar 2003** US
(**25.03.2003**)
- (30) 10/422,095 **24 Apr/avr 2003** US
(**24.04.2003**)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF MAKING COATED ARTICLES HAVING AN OXYGEN BARRIER COATING AND COATED ARTICLES MADE THEREBY
- PROCEDE DE FABRICATION D'ARTICLES POSSEDANT UN REVETEMENT, PRESENTANT UN REVETEMENT FORMANT BARRIERE CONTRE L'OXYGENE ET ARTICLES POSSEDANT UN REVETEMENT FABRIQUE PAR LE BIAIS DE CE PROCEDE
- (71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) BUHAY, Harry; 1952 Del Prado Court, Allison Park, PA 15101 (US). FINLEY, James J.; 111 Cornwall Drive, Pittsburgh, PA 15238 (US). THIEL, James J.; 296 Mt. Royal Boulevard, Pittsburgh, PA 15223 (US). LEHAN, John P.; 3101 Westchester Drive, Pittsburgh, PA 15238 (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03C 17/23, C30B 15/10, 35/00, C03C 10/14, C03B 32/02
- (11) WO 03/095384 (13) A1
- (21) PCT/US03/12599
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) en (26) en
- (30) 10/063,754 **10 May/mai 2002** US
(**10.05.2002**)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FUSED QUARTZ ARTICLE HAVING CONTROLLED DEVITRIFICATION
- ARTICLE DE QUARTZ FONDU A DEVITRIFICATION MAITRISEE
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) MCNULTY, Thomas, Francis; 5 Rose Court, Ballston Lake, NY 12019 (US). PENDER, David, Charles; 855 Union Street, Schenectady, NY 12308 (US). LOU, Victor, Lien-Kong; 910 Morgan Avenue, Schenectady, NY 12309 (US). GIDDINGS, Robert, Arthur; 68 North Helderberg Parkway,

- Slingerlands, NY 12159 (US). AHLGREN, Frederic, Francis; 5635 Ashley Circle, Highland Heights, OH 44143 (US).
- (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03C 17/34, 17/36, C23C 10/00, 16/00, B32B 17/00, C23C 14/08, C08J 7/04
- (11) WO 03/095385 (13) A1
- (21) PCT/US03/12672
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) en (26) en
- (30) 60/376,021 **25 Apr/avr 2002** US
(**25.04.2002**)
- (30) 10/133,805 **25 Apr/avr 2002** US
(**25.04.2002**)
- (30) 10/397,001 **25 Mar/mar 2003** US
(**25.03.2003**)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS OF CHANGING THE VISIBLE LIGHT TRANSMITTANCE OF COATED ARTICLES AND COATED ARTICLES MADE THEREBY
- PROCEDES DE MODIFICATION DE LA TRANSMITTANCE D'UNE LUMIERE VISIBLE D'ARTICLES REVETUS ET ARTICLES REVETUS FABRIQUES AU MOYEN DE CES PROCEDES
- (71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) BUHAY, Harry; 1952 Del Prado Court, Allison Park, PA 15101 (US). FINLEY, James, J.; 111 Cornwall Drive, Pittsburgh, PA 15238 (US). THIEL, James, J.; 296 Mt. Royal Boulevard, Pittsburgh, PA 15223 (US). LEHAN, John, P.; 3101 Westchester Drive, Pittsburgh, PA 15238 (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ C03C 25/10, 25/12
- (11) WO 03/095386 (13) A1
- (21) PCT/GB03/02011
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 0210760.5 **10 May/mai 2002** GB
(**10.05.2002**)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FIBRE COATING METHOD AND APPARATUS
- PROCEDE ET APPAREIL DE REVETEMENT DE FIBRES
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, LONDON EC1A 7AJ (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARKER, Philip, Alfred [GB/GB]; 58 MEADOWLANDS, KIRTON, IPSWICH, Suffolk IP10 0PP (GB). FISK, Christopher [GB/GB]; 67 TRANMERE GROVE, IPSWICH, Suffolk IP1 6DU (GB). SMITH, Raymond, Pentti [GB/GB]; 35 BREDFIELD ROAD, WOODBRIDGE, Suffolk IP12 1JA (GB).
- (74) WALLIN, Nicholas, James; BT GROUP LEGAL, INTELLECTUAL PROPERTY DEPARTMENT, HOLBORN CENTRE, 8TH FLOOR, 120 HOLBORN London, EC1N 2TE (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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- Published / Publiée : (c)
- (51)⁷ C03C 25/12, 25/24, B01D 37/00, G02B 1/10, 6/16
- (11) WO 03/095387 (13) A1
- (21) PCT/US03/14061
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 60/378,663 **9 May/mai 2002** US
(**09.05.2002**)
- (30) 10/420,910 **23 Apr/avr 2003** US
(**23.04.2003**)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS FOR MAKING AND USING POINT LUMP-FREE COMPOSITIONS AND PRODUCTS COATED WITH POINT LUMP-FREE COMPOSITIONS

- PROCEDES DE FABRICATION ET D'UTILISATION DE COMPOSITIONS SANS BOSSES ET PRODUITS REVETUS DESDITES COMPOSITIONS SANS BOSSES

(71) **BORDEN CHEMICAL, INC.** [US/US]; 180 East Broad Street, Columbus, OH 43215 (US).

(72) **WORKMAN, Gregory, Lee, II**; 6748 Dimmick Road, West Chester, OH 45069 (US). **KING, Donald, Leon**; 3567 Burlington Pike, Burlington, KY 41005 (US). **RECHEL, Camille, Jeanette**; 2733 Werkridge Dr., Cincinnati, OH 45248 (US). **MYERS, Timothy, Edward**; 6401 Woodridge Ct., Mason, OH 45040 (US).

(74) **VENTURINO, Anthony, P.**; Stevens, Davis, Miller & Mosher, L.L.P., Suite 850, 1615 L Street NW, 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 UZ VC VN YU ZA ZM ZW.

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

(11) **WO 03/095388** (13) A1

(21) PCT/JP03/04754

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

(25) ja (26) ja

(30) 2002-137170 **13 May/mai 2002 JP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEPRESSURIZING CONTAINER FOR GLASS PANEL

- RECIPIENT DE DEPRESSURISATION POUR PANNEAU DE VERRE

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMARI, Takeshi** [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). **FUTAGAMI, Toru** [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

(74) **KITAMURA, Shuichi**; 8-1, Toyosaki 5-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 18/04

(11) **WO 03/095389** (13) A1

(21) PCT/US02/28726

(22) **9 Sep/sep 2002 (09.09.2002)**

(25) en (26) en

(30) 60/379,554 **7 May/mai 2002 US (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECYCLED WASTE AS AIR ENTRAINMENT ADMIXTURES

- RECYCLAGE DE DECHETS EN TANT QU'ENTRAINEURS D'AIR

(71) **WASTE MARKETS CORPORATION** [US/US]; P.O. Box 5102, Fullerton, CA 92838 (US).

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

(72, 75) **LONG, David** [US/US]; Waste Markets Corporation, P.O. Box 5102, Fullerton, CA 92838 (US). **POOLE, M., D.** [US/US]; Waste Markets Corporation, P.O. Box 5102, Fullerton, CA 92838 (US).

(74) **FISH, Robert et al.** / etc.; Rutan & Tucker, LLP, 611 Anton Blvd., 14th Floor, Costa Mesa, CA 92626 (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 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).

Published / Publiée : (a)

(51)⁷ C04B 33/34, B28B 11/04

(11) **WO 03/095390** (13) A1

(21) PCT/JP03/05895

(22) **12 May/mai 2003 (12.05.2003)**

(25) ja (26) ja

(30) 2002-135729 **10 May/mai 2002 JP (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING FIRING-DENATURED *TENMOKU* TILE, FIRING-DENATURED *TENMOKU* TILE AND GLAZE

- PROCEDE DE PRODUCTION DE CARREAU DE TYPE <I>TENMOKU</I> DENATURE PAR CUISSON

(71, 72) **KOJIMA, Ikuyoshi** [JP/JP]; 1-68, Koichonmachi, Tokoname-Shi, Aichi 479-0837 (JP).

(74) **NAKAMURA, Minoru et al.** / etc.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 35/66

(11) **WO 03/095391** (13) A1

(21) PCT/JP02/04453

(22) **8 May/mai 2002 (08.05.2002)**

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONOTILIC REFRACTORY COMPOSITION

- COMPOSITION REFRACTAIRE MONOLITHIQUE

(71) **SHINAGAWA REFRACTORIES CO., LTD.** [JP/JP]; 1-7, Kudankita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANESHIGE, Toshihiko** [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudankita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP). **SASAKI, Hisaharu** [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudankita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP). **TABUCHI, Yukiharu** [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudankita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) AU 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 C04B 41/00

(11) **WO 03/095392** (13) A2

(21) PCT/EP03/04901

(22) **3 May/mai 2003 (03.05.2003)**

(25) en (26) en

(30) 0210566.6 **9 May/mai 2002 GB (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR SURFACE TREATMENT OF CLAY, CERAMIC OR CEMENTITIOUS ARTICLES

• PROCEDE DE TRAITEMENT DE SURFACE D'ARTICLE DE TERRE CUITE, DE CERAMIQUE OU DE CIMENT

- (71) **BUILDMATE A/S** [DK/DK]; Lucernevej 11, Klokkeholm, DK-9320 Hjøllerup (DK).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MUNCH-LAURSEN, Thomas** [DK/DK]; Buildmate A/S, Lucernevej 11, Klokkeholm, DK-9320 Hjøllerup (DK).
PEDERSEN, Lars [DK/DK]; Buildmate A/S, Lucernevej 11, Klokkeholm, DK-9320 Hjøllerup (DK).

- (74) **WALLS, Alan, James**; K.R. Bryer & Co, 7 Gay Street, Bath BA1 2PH (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 C04B 41/53, C23F 13/02

- (11) **WO 03/095393** (13) A1

- (21) PCT/NO03/00154

- (22) 12 May/mai 2003 (12.05.2003)

- (25) no (26) en

- (30) 20022267 13 May/mai 2002 NO (13.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR THE CATHODIC PREVENTION OF CORROSION OF REINFORCEMENT CORROSION ON DAMP AND WET MARINE STRUCTURES

• PROCEDE DE PREVENTION CATHODIQUE DE LA CORROSION DE L'ARMATURE SUR DES CONSTRUCTIONS MARITIMES SEMI-HUMIDES, HUMIDES OU MOUILLEES

- (71) **PROTECTOR AS** [NO/NO]; Papyrusveien, N-3050 Mjondalen (NO).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **VÆLITALO, Sten, H.** [NO/NO]; Skogerveien 58, N-3034 Drammen (NO).

- (74) **HANSEN, Kari, O.**; Zacco Norway AS, P.O. Box 765, Sentrum, N-0106 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 C06C 5/06, F42B 4/24

- (11) **WO 03/095394** (13) A1

- (21) PCT/US02/20493

- (22) 28 Jun/juin 2002 (28.06.2002)

- (25) en (26) en

- (30) 10/063,464 25 Apr/avr 2002 US (25.04.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SAFETY FUSE CONNECTOR

• CONNECTEUR DE MECHE DE SURETE

- (71) **AMERICAN PROMOTIONAL EVENTS, INC.** [US/US]; 4511 Helton Drive, Florence, AL 35630 (US).

- (72) **YU, Peter, Sung, Yan**; 106 Dogwood Place, Florence, AL 35633 (US).

- (74) **BRANDAU, Rebecca, J.**; Blackwell Sanders Peper Martin LLP, Suite 2400, 720 Olive Street, 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 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 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 C07B 35/06, C07C 17/23, 21/18

- (11) **WO 03/095395** (13) A1

- (21) PCT/EP03/04810

- (22) 8 May/mai 2003 (08.05.2003)

- (25) de (26) de

- (30) 102 21 119.1 13 May/mai 2002 DE (13.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR THE PRODUCTION OF SUBSTITUTED TRIFLUOROETHYLENES

• PROCEDE POUR PRODUIRE DES TRIFLUOROETHYLENES SUBSTITUES

- (71) **BAYER CROPSCIENCE AKTIENGESSELLSCHAFT** [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).

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

- (72, 75) **WOLFRUM, Peter** [DE/DE]; Landecker Weg 18, 40789 Monheim (DE).
MARHOLD, Albrecht [DE/DE]; Carl-Duisberg-Str. 329, 51373 Leverkusen (DE).

- (74) **BAYER CROPSCIENCE AKTIENGESSELLSCHAFT**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 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 C07C

- (11) **WO 03/095396** (13) A2

- (21) PCT/IB03/02685

- (22) 7 May/mai 2003 (07.05.2003)

- (25) en (26) en

- (30) 10/139,646 7 May/mai 2002 US (07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • N,N'-SUBSTITUTED S-ARYL-ISOTHIOUREAS, N,N,N'-SUBSTITUTED S-ARYL-ISOTHIOUREAS AND COMBINATORIAL LIBRARIES THEREOF

• S-ARYL-ISOTHIOUREES A SUBSTITUTION N,N, N'-ARYL-ISOTHIOUREES A SUBSTITUTION N,N,N', ET BIBLIOTHEQUES COMBINATOIRES CORRESPONDANTES

- (71) **LION BIOSCIENCE AG** [DE/DE]; Im Neuenheimer Feld 5, D-69120 Heidelberg (DE).

- (72) **ROGOVOY, Boris**; 999 SW 16th Avenue #23, Gainesville, FL 32601 (US). **VVEDENSKIY, Vladimir**; 3950 Mahaila Avenue, U12, San Diego, CA 92122 (US). **CAI, Xiaohong**; 300 NW 18th Street, Apt 7, Gainesville, FL 32603 (US). **CHASSAING, Christophe**; Sailerackergasse 38/1/10, A-1190 Wien (AT). **KATRITZKY, Alan, R.**; 1221 Southwest 21st Avenue, Gainesville, FL 32601 (US). **FOROOD, Behrouz**; 3143 Via de Caballo, Encinitas, CA 92024 (US).

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

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

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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
- (11) WO 03/095397 (13) A2
- (21) PCT/NL03/00334
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 02076803.2 8 May/mai 2002 EP (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR CONTINUOUS PRODUCTION AND EXTRACTION OF CAROTENOIDES FROM NATURAL SOURCES
- PROCEDE DE PRODUCTION ET D'EXTRACTION CONTINUES DE CAROTENOIDES A PARTIR DE SOURCES NATURELLES
- (71) WAGENINGEN UNIVERSITY [NL/NL]; Bomenweg 2, NL-6703 EV Wageningen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEJAZI, Mohammad, Amin [IR/NL]; De Savornin Lohmanstraat 31, NL-6702 BM Wageningen (NL). WIJFFELS, Rene, Hubertus [NL/NL]; Laan 1933-1, NL-6711 NX Ede (NL). HOLWERDA, Evert, Klaas [NL/NL]; Droevendaalsesteeg 87, NL-6708 PS Wageningen (NL). TRAMPER, Johannes [NL/NL]; Ericalaan 4, NL-6703 EM Wageningen (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).
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- (51)⁷ C07C
- (11) WO 03/095398 (13) A2
- (21) PCT/US03/14180
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/378,495 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POLYDIAZENIUMDIOLATED CYCLIC POLYAMINES WITH POLYPHASIC NITRIC OXIDE RELEASE AND RELATED COMPOUNDS, COMPOSITIONS COMPRISING SAME AND METHODS OF USING SAME

- POLYAMINES CYCLIQUES POLYDIAZENIUMDIOLEES LIBERANT DE L'ACIDE NITRIQUE POLYPHASIQUE, COMPOSES ET COMPOSITIONS LES COMPRENANT, ET PROCEDES D'UTILISATION ASSOCIES
- (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, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATERHOUSE, David, J. [US/US]; 908 Gatepost Lane #1E, Frederick, MD 21701 (US). KAPUR, Preeya [US/US]; 8577 Indian Springs Road, Frederick, MD 21702 (US). KEEFER, Larry, K. [US/US]; 7016 River Road, Bethesda, MD 20817 (US). HRABIE, Joseph, A. [US/US]; 630 Grant Place, Frederick, MD 21702 (US).
- (74) LOWE, Jeremy, C. 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).
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- (51)⁷ C07C 1/22, 1/207, 15/02, 37/00, 39/08, 41/18, 41/28, 43/205, C07B 61/00
- (11) WO 03/095399 (13) A1
- (21) PCT/JP03/05861
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-136491 13 May/mai 2002 JP (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR PRODUCING METHYL-SUBSTITUTED AROMATIC COMPOUND
- PROCEDE PERMETTANT LA PRODUCTION D'UN COMPOSE AROMATIQUE A SUBSTITUTION METHYLE
- (71) NEW JAPAN CHEMICAL CO., LTD. [JP/JP]; 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8224 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAMURA, Taiichiro [JP/JP]; Aku Daigo 403, 12-5, Daigo Higashiaiba-cho, Fushimi-ku, Kyoto-shi, Kyoto 601-1346 (JP). KIHARA, Yoshihiro [JP/JP]; 1-17-11, Higashikuraji, Katano-shi, Osaka 576-0061 (JP). HATTORI, Kazuhiro [JP/JP]; 9-148, Higashino Nakainoue-cho, Yamashina-ku, Kyoto-shi, Kyoto 607-8142 (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).
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- (51)⁷ C07C 5/333, 5/373, B01J 23/00, 23/40, 23/42
- (11) WO 03/095400 (13) A1
- (21) PCT/US03/13940
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 10/139,484 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PARTICULATE SUPPORTS FOR OXIDATIVE DEHYDROGENATION
- SUPPORTS PARTICULAIRES DESTINES A LA DESHYDROGENATION OXYDANTE
- (71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).
- (72) CARMICHAEL, Lisa, M.; 4601 South Union, Ponca City, OK 74601 (US). ALLISON, Joe, D.; 2412 Woodthrush Road, Ponca City, OK 74604 (US). RAMANI, Sriram; 2917 Canterbury Avenue, Ponca City, OK 74604 (US).
- (74) MANSON, Kim, S. et al. / etc.; P.O. Box 4783, Houston, TX 77210-4783 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 17/23, 17/00, 51/377, C07B 35/06
- (11) WO 03/095401 (13) A1
- (21) PCT/EP03/04809
- (22) 8 May/mai 2003 (08.05.2003)
- (25) de (26) de
- (30) 102 21 120.5 13 May/mai 2002 DE (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR THE PRODUCTION OF SUBSTITUTED TRIFLUOROETHYLENES

• PROCEDE POUR PRODUIRE DES TRIFLUOROETHYLENES SUBSTITUES

- (71) BAYER CROPSCHENIE AKTIENGESSELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).

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

- (72, 75) WOLFRUM, Peter [DE/DE]; Landecker Weg 18, 40789 Monheim (DE). MARHOLD, Albrecht [DE/DE]; Carl-Duisburg-Str. 329, 51373 Leverkusen (DE).

- (74) BAYER CROPSCHENIE AKTIENGESSELLSCHAFT; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ C07C 29/16, 45/50, 29/141, C08K 5/12, C11D 7/26

- (11) WO 03/095402 (13) A1

- (21) PCT/EP03/03066

- (22) 25 Mar/mar 2003 (25.03.2003)

- (25) de (26) de

- (30) 102 20 799.2 10 May/mai 2002 DE (10.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR PRODUCING C13-ALCOHOL MIXTURES

• PROCEDE DE FABRICATION DE MELANGES DE C13-ALCOOLS

- (71) OXENO OLEFINCHEMIE GMBH [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).

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

- (72, 75) KAIZIK, Alfred [DE/DE]; Gendorfer Strasse 30, 45772 Marl (DE). TÖTSCH,

Walter [AT/DE]; Heyerhoffstrasse 148, 45770 Marl (DE). DROSTE, Wilhelm [DE/DE]; Pommernstrasse 4 a, 45770 Marl (DE). BÜSCHKEN, Wilfried [DE/DE]; Rosenkamp 10, 45721 Haltern am See (DE). RÖTTGER, Dirk [DE/DE]; Westerholter Weg 67, 45657 Recklinghausen (DE). WIESE, Klaus-Diether [DE/DE]; Tuchmacherweg 8, 45721 Haltern am See (DE).

- (74) OXENO OLEFINCHEMIE GMBH; Intellectual Property Management, Patente u. Marken, Bau 1042/PB 15, Paul-Baumann-Strasse 1, 45772 Marl (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 33/02, 69/24, 47/21, A61K 31/22, 31/11, 31/045, 7/00, A61P 29/00, 35/00, 39/06

- (11) WO 03/095403 (13) A1

- (21) PCT/EP03/04720

- (22) 6 May/mai 2003 (06.05.2003)

- (25) en (26) en

- (30) MI2002A000960 7 May/mai 2002 IT (07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • POLYUNSATURATED LINEAR ALDEHYDES AND THEIR DERIVATIVES WITH ANTI-RADICAL AND ANTI-TUMORAL ACTIVITY

• ALDEHYDES LINEAIRES POLYINSATURES ET LEURS DERIVES A ACTIVITE ANTI-RADICALAIRE ET ANTI-TUMORALE

- (71) UNIVERSITA' DEGLI STUDI DI MILANO [IT/IT]; Via Festa del Perdono, 7, I-20122 Milano (IT).

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- (72, 75) STRADI, Riccardo [IT/IT]; Via Cavalcanti, 8, I-20127 Milano (IT). BERTELLI, Aldo [IT/IT]; Via San Martino, 11/B, I-20122 Milano (IT). PINI, Elena [IT/IT]; Via Sismondi, 5, I-20133 Milano (IT).

- (74) BIANCHETTI, Giuseppe 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 C07C 33/16, C07D 303/12, A61K 31/045, 31/335

- (11) WO 03/095404 (13) A1

- (21) PCT/US03/14666

- (22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en

- (30) 60/379,065 9 May/mai 2002 US (09.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • CEMBRANOIDES WITH CHEMOPREVENTIVE ACTIVITY

• CEMBRANOIDES A ACTION CHIMIO- PREVENTIVE

- (71) UNIVERSITY OF MISSISSIPPI [US/US]; 125 Old Chemistry, University of Mississippi, University, MS 38677 (US).

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- (72, 75) ZJAWIONY, Jordan, K [US/US]; 3322 Whipporwill Lane, Oxford, MS 38655 (US). FAHMY, Hesham [EG/US]; 2021 Barry Cove, Oxford, MS 38655 (US). KATSUYAMA, Isamu [JP/JP]; ITE Research Office, Ichinomiya, Aichi 491-0806 (JP). KHALIFA, Sherief [EG/EG]; Suez Canal University, Dept of Pharmacognosy, Faculty of Pharmacy, Ismailia (EG). KONOSHIMA, Takao [JP/JP]; Kyoto Pharmaceutical University, Misasagi, Yamashina-ku, Kyoto 607-8414 (JP).

- (74) MYERS JR, Richard, S.; Stites & Harbison PLLC, 424 Church Street, 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).

Published / Publiée : (c)

- (51)⁷ C07C 39/12, C07D 341/00, H01M 8/00

- (11) WO 03/095405 (13) A1

- (21) PCT/US03/14803

- (22) 8 May/mai 2003 (08.05.2003)

- (25) en (26) en

- (30) 10/141,733 9 May/mai 2002 US (09.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SELF-ASSEMBLED CALIXARENE-BASED GUEST-HOST ASSEMBLIES FOR GUEST STORAGE BY VAN DER WAALS CONFINEMENT

- ENSEMBLES HOTE-INVITE A BASE DE CALIXARENES AUTO-ASSEMBLES POUR LE STOCKAGE D'INVITES PAR CONFINEMENT DE VAN DER WAALS
- (71) **BOARD OF CURATORS** [US/US]; University of Missouri, 316 University Hall, Columbia, MO 65211 (US).
- (72) **ATWOOD, Jerry, L.**; 5704 Short Line Drive, Columbia, MO 65203 (US). **BARBOUR, Leonard, J.**; 2240 E. Bluebird Lane, Columbia, MO 65201 (US). **JERGA, Agoston**; 1700 Forum Boulevard, #2908, Columbia, MO 65203 (US).
- (74) **JACKSON, William, D.**; Locke Liddell & Sapp LLP, 2200 Ross Avenue, Suite 2200, Dallas, TX 75201-6776 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 **C07C 45/50, 29/16**
- (11) **WO 03/095406** (13) A1
- (21) PCT/EP02/13779
- (22) **5 Dec/déc 2002 (05.12.2002)**
- (25) de (26) de
- (30) 102 20 801.8 **10 May/mai 2002 DE (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR THE RHODIUM-CATALYSED HYDROFORMYLATION OF OLEFINS WITH REDUCTION OF RHODIUM LOSSES
- PROCEDE D'HYDROFORMYLATION A CATALYSE AU RHODIUM D'OLEFINES AVEC REDUCTION DES PERTES DE RHODIUM
- (71) **OXENO OLEFINCHEMIE GMBH** [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TÖTSCH, Walter** [AT/DE]; Heyerhoffstrasse 148, 45770 Marl (DE). **KAIZIK, Alfred** [DE/DE]; Gendorfer Strasse 30, 45772 Marl (DE). **SCHULTE-ALTHOFF, Hermann-Josef** [DE/DE]; Dürnberg 8, 45721 Haltern (DE).
- (74) **OXENO OLEFINCHEMIE GMBH**; Intellectual Property Management, Patente-Marken, Bau 1042 - PB 15, 45764 Marl (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 UZ VC VN YU ZA ZM ZW.

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 **C07C 47/21, 47/02, 31/125, 33/025, 43/11, 43/15, 57/03, 53/126, 69/24, 69/003, 45/74, 45/62**

- (11) **WO 03/095407** (13) A2
- (21) PCT/DE03/01481
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) de (26) de
- (30) 102 20 754.2 **8 May/mai 2002 DE (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • 2,4-DIALKYL-BRANCHED ALDEHYDES AND DERIVATIVES PRODUCED THEREFROM
- ALDEHYDES A RAMIFICATION DIALKYLE EN POSITION 2,4 ET LEURS DERIVES

- (71) **SASOL GERMANY GMBH** [DE/DE]; Anckelmannsplatz 1, 20537 Hamburg (DE).
- (for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **ZIEHE, Holger** [DE/DE]; Timm-Kröger-Strasse 8, 25524 Itzehoe (DE). **HERRMANN, Albert, Thomas** [DE/DE]; Tanzgrube 1, 66625 Nohfelden (DE). **SCHÄR, Dirk** [DE/DE]; Klaus-Groth-Strasse 53, 25704 Meldorf (DE).

- (74) **SCHUPFNER, Georg, U.**; Müller, Schupfner & Gauger, Parkstrasse 1, 21244 Buchholz (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 **C07C 51/00**

- (11) **WO 03/095408** (13) A1
- (21) PCT/US03/13772
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) en (26) en
- (30) 60/378,311 **6 May/mai 2002 US (06.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR THE PRODUCTION OF CARBOXYLIC ACIDS
- PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES
- (71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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- (72, 75) **WHISTON, Keith** [GB/GB]; 12 Hartford Road, Cropton, Darlington County, Durham, Durham DL3 8EY (GB). **JONES, Graham, Howard** [GB/GB]; The Croft, Cropton, Pickering, North Yorkshire YO18 8HL (GB).

- (74) **KRUKIEL, Charles, E.**; 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).

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 **C07C 51/02**

- (11) **WO 03/095409** (13) A1
- (21) PCT/JP03/05826
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) ja (26) ja
- (30) 2002/135656 **10 May/mai 2002 JP (10.05.2002)**
- (30) 2002/231740 **8 Aug/août 2002 JP (08.08.2002)**
- (30) 2002/231741 **8 Aug/août 2002 JP (08.08.2002)**
- (30) 2002/305989 **21 Oct/oct 2002 JP (21.10.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR PRODUCING ORGANIC ACID
- PROCEDE DE PRODUCTION D'ACIDE ORGANIQUE
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ISOTANI, Atsushi** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushita-cho, 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 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 C07C 51/44

(11) **WO 03/095410** (13) A1

(21) PCT/EP03/04602

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 494.2 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING AN AQUEOUS ALKALI ACRYLATE SOLUTION

• PROCEDE DE PRODUCTION D'UNE SOLUTION AQUEUSE D'ACRYLATE ALCALIN

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUCHS, Eberhard** [DE/DE]; Bensheimer Ring 5c, 67227 Frankenthal (DE). **MARTAN, Hans** [DE/DE]; Mozartstr.62, 67227 Frankenthal (DE). **MÜLLER-ENGEL, Klaus, Joachim** [DE/DE]; Bahnhofstr. 82, 76297 Stutensee (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).

Published / Publiée : (c)

(51)⁷ C07C 57/07, 57/05, 51/36, 53/122, 67/08, 67/303, 69/54, 69/24

(11) **WO 03/095411** (13) A1

(21) PCT/EP03/04710

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 752.6 8 May/mai 2002 DE (08.05.2002)

(30) 102 24 341.7 29 May/mai 2002 DE (29.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE PRODUCTION OF ACRYLIC ACID AND/OR THE ESTERS THEREOF AND PROPIONIC ACID AND/OR THE ESTERS THEREOF IN A COMPOUND

• PROCEDE POUR PRODUIRE DE L'ACIDE ACRYLIQUE ET/OU DES ESTERS DE CELUI-CI ET DE L'ACIDE PROPIONIQUE ET/OU DES ESTERS DE CELUI-CI SOUS FORME DE COMPOSE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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(72, 75) **ADAMI, Christoph** [DE/DE]; Bischofsgasse 6, 69469 Weinheim (DE). **BÖHLING, Ralf** [DE/DE]; Beethovenstrasse 4, 64347 Griesheim (DE). **MACHHAMMER, Otto** [DE/DE]; Schwarzwaldstr.25, 68163 Mannheim (DE). **ZEHLNER, Peter** [DE/DE]; Erich-Kästner-Str. 15, 67071 Ludwigshafen (DE). **HECHLER, Claus** [DE/DE]; Taubenstr.21, 67063 Ludwigshafen (DE). **SCHLIEPHAKE, Volker** [DE/DE]; Kaiser-Konrad-Str. 29, 67105 Schifferstadt (DE). **THIEL, Joachim** [DE/DE]; Kurpfalzstr.140, 67435 Neustadt (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).

(51)⁷ C07C 65/03, 51/00, A61K 31/19, A61P 9/10

(11) **WO 03/095412** (13) A1

(21) PCT/CN02/00320

(22) 9 May/mai 2002 (09.05.2002)

(25) zh (26) zh

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • 2-(α -HYDROXY-PENTYL) BENZOATE AND ITS PREPARATION AND USE

• 2-(β -HYDROXY-PENTYL) BENZOATE, SA PREPARATION ET SON UTILISATION

(71) **INSTITUTE OF MATERIA CHINESE ACADEMY OF MEDICAL SCIENCES** [CN/CN]; 1 Xian Nong Tan Street, Xuanwu District, Beijing 100050 (CN).

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(72, 75) **YANG, Jinghua** [CN/CN]; 1 Xian Nong Tan Street, Xuanwu District, Beijing 100050 (CN). **WANG, Xiaoliang** [CN/CN]; 1 Xian Nong Tan Street, Xuanwu District, Beijing 100050 (CN). **XU, Zhibin** [CN/CN]; 1 Xian Nong Tan Street, Xuanwu District, Beijing 100050 (CN). **PENG, Ying** [CN/CN]; 1 Xian Nong Tan Street, Xuanwu District, Beijing 100050 (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 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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Declaration / Déclaration :

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(51)⁷ C07C 69/63, 67/14

(11) **WO 03/095413** (13) A1

(21) PCT/JP03/05442

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(30) 2002-136183 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HALOGENOACETOXYADAMANTANE DERIVATIVES AND PROCESS FOR PRODUCTION THEREOF

• DERIVES D'HALOGENOACETOXY-ADAMANTANE ET PROCEDE DE PRODUCTION CORRESPONDANT

(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) **KODOI, Kouichi** [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi 745-0843 (JP). **TANAKA, Shinji** [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi 745-0843 (JP). **YOSHITOME, Toshihide** [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi 745-0843 (JP).

(74) **OHTANI, Tamotsu** et al. / etc.; 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 209/84, 211/63, H01M 10/40, H01G 9/038
- (11) WO 03/095414 (13) A1
- (21) PCT/JP03/04911
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) ja (26) ja
- (30) 2002-138918 14 May/mai 2002 JP (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF PURIFYING QUATERNARY ALKYLAMMONIUM SALT AND QUATERNARY ALKYLAMMONIUM SALT
- PROCEDE DE PURIFICATION DE SEL D'ALKYLAMMONIUM QUATERNAIRE ET SEL D'ALKYLAMMONIUM QUATERNAIRE
- (71) STELLA CHEMIFA KABUSHIKI KAISHA [JP/JP]; 6-3, Awajimachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIKUYAMA, Hirohisa [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA, 41, Rinkaicho 1-chome, Izumiootsu-shi, Osaka 595-0075 (JP). WAKI, Masahide [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA, 41, Rinkaicho 1-chome, Izumiootsu-shi, Osaka 595-0075 (JP). HASHIGUCHI, Shinji [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA, 41, Rinkaicho 1-chome, Izumiootsu-shi, Osaka 595-0075 (JP). NISHIDA, Tetsuro [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA, 41, Rinkaicho 1-chome, Izumiootsu-shi, Osaka 595-0075 (JP).
- (74) FUKUMORI, Hisao; 2F, Fuji Building, 5-11, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).
- (81) CN 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).
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- (51)⁷ C07C 211/24, 211/25, 209/66
- (11) WO 03/095415 (13) A2
- (21) PCT/FR03/01198
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) fr (26) fr
- (30) 02 04725 16 Apr/avr 2002 FR (16.04.2002)
- (30) 02 14581 21 Nov/nov 2002 FR (21.11.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AMINATED COMPOUNDS BEARING AT LEAST AN ALLYL AND A DIFLUOROMETHYL AND METHOD USED FOR SYNTHESIS THEREOF
- COMPOSES AMINES PORTEURS D'AU MOINS UN ALLYLE ET D'UN DIFLUOROMETHYLE ET PROCEDE UTILE A LEUR SYNTHÈSE
- (71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BONNET-DELPON, Danièle [FR/FR]; 125, rue de la Réunion, F-75020 PARIS (FR). BEGUE, Jean-Pierre [FR/FR]; 15, rue de la Lancette, F-75012 PARIS (FR). LEGROS, Julien [FR/FR]; 47, avenue Foch, F-94100 SAINT-MAUR (FR). CROUSSE, Benoit [FR/FR]; 3, rue des Vergers, F-91370 VERRIERE-LE-BUISSON (FR). MEYER, Franck [FR/FR]; 3, square Ronsard, F-92500 RUEIL-MALMAISON (FR).
- (74) RICALES, François et al. / etc.; RHODIA SERVICES, 40, rue de la Haie-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 C07C 213/08, 231/14, 233/08, 217/20
- (11) WO 03/095416 (13) A1
- (21) PCT/EP02/05021
- (22) 7 May/mai 2002 (07.05.2002)
- (25) en (26) en
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR PREPARING 2-ALKOXYPHENOXYETHANAMINES FROM 2-ALKOXYPHENOXYETHYLACETAMIDES
- PROCEDE DE PREPARATION DE 2-ALKOXYPHENOXYETHANAMINES A PARTIR DE 2-ALKOXYPHENOXYETHYLACETAMIDES
- (71) MCM PHARMA GMBH [DE/DE]; Bergstrasse 11, 20095 Hamburg (DE). NAKODA CHEMICALS LTD. [IN/IN]; Plot No 129, Phase-V, IDA, Jeedimetla, Hyderabad (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATERNE, Carsten [DE/DE]; Geschwister-Scholl-Strasse 96, 20251 Hamburg (DE). KHAN, Iman [IN/IN]; 60, Vasant Nagar, Kukatpalle, Hyderabad (IN).
- (74) VONNEMANN, Gerhard et al. / etc.; An der Alster 84, 20099 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 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).
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- (51)⁷ C07C 227/18, 229/56
- (11) WO 03/095417 (13) A1
- (21) PCT/IB03/01772
- (22) 7 May/mai 2003 (07.05.2003)
- (25) it (26) en
- (30) MI2002A000974 9 May/mai 2002 IT (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR THE MANUFACTURE OF 4-FLUORO-ANTHRANILIC ACID
- PROCEDE DE FABRICATION D'ACIDE 4-FLUORO-ANTHRANILIQUE
- (71) MITENI S.p.A. [IT/IT]; Via Mecenate, 90, I-20138 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POLI, Stefano [IT/IT]; Miteni S.p.A., Loc. Colombara, 91 Stampi-Rozzano, I-36070 Trissino (IT). TORRENTE, Damiano [IT/IT]; Miteni S.p.A., Loc. Columbara, 91, I-36070 Trissino (IT).
- (74) SANTORO, Tiziana; Marietti, Gilson 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 261/04, A01N 47/40
- (11) WO 03/095418 (13) A1
- (21) PCT/EP03/04808
- (22) 8 May/mai 2003 (08.05.2003)
- (25) de (26) de
- (30) 102 21 121.3 13 May/mai 2002 DE (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • N'-CYANO-N-METHYL-IMIDAMIDE DERIVATIVES
- DERIVES DE N'-CYANO-N-METHYL-IMIDAMIDE
- (71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).

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

(72, 75) HENSE, Achim [DE/DE]; Im Haindell 85, 65843 Sulzbach (DE). FISCHER, Rüdiger [DE/DE]; Zu den Fussfällen 23, 50259 Pulheim (DE). GESING, Ernst, R. F. [DE/DE]; Trillser Graben 4, 40699 Erkrath (DE). HERRMANN, Stefan [DE/DE]; Virneburgerstr. 4a, 40764 Langenfeld (DE). KATHER, Kristian [DE/DE]; Stefenhovener Str. 54a, 40764 Langenfeld (DE). ERDELEN, Christoph [DE/DE]; Unterbüscherhof 15, 42799 Leichlingen (DE). KONZE, Jörg [DE/DE]; Magazinstr. 61, 51147 Köln (DE). LÖSEL, Peter [GB/DE]; Lohrstr. 90a, 51371 Leverkusen (DE).

(74) BAYER CROPSCIENCE AKTIENGESELLSCHAFT; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 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 C07C 265/12, 265/14

(11) WO 03/095419 (13) A1

(21) PCT/US03/14011

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/142,289 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TETRALIN ISOCYANATES
• ISOCYANATES DE TETRALINE

(71) BAYER POLYMERS LLC [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(72) ADKINS, Rick, L.; 100 Gladewood Lane, Hurricane, WV 25526 (US). PARSONS, Harold, R.; 33255 North Symer Drive, Cave City, AZ 85331 (US).

(74) MROZINSKI, John, E., Jr. et al. / etc.; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 275/32, 275/42, 275/40, A61K 31/17, A61P 13/00, 29/00

(11) WO 03/095420 (13) A1

(21) PCT/EP03/04395

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 0210512.0 8 May/mai 2002 GB (08.05.2002)

(30) 0227262.3 21 Nov/nov 2002 GB (21.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYDROXY TETRAHYDRO-NAPHTHALENYLUREA DERIVATIVES
• DERIVES HYDROXY-TETRAHYDRO-NAPHTHALENYLUREE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YURA, Takeshi [JP/JP]; 4-8-1, Suzaku, Nara-shi, Nara 631-0806 (JP). MOGI, Muneto [JP/JP]; 5-10-57-102, Daianji, Nara-shi, Nara 630-8133 (JP). URBANHS, Klaus [DE/JP]; 6-3-1-301, Kusugaoka-cho, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). FUJISHIMA, Hiroshi [JP/JP]; 3-23-25, Sakyō, Nara-shi, Nara 631-0801 (JP). MASUDA, Tsutomu [JP/JP]; 3-15-6-6A, Jingu, Nara-shi, Nara 631-0804 (JP). MORI-WAKI, Toshiya [JP/JP]; 2-25-4, Kitayamato, Ikoma-shi, Nara 630-0121 (JP). YOSHIDA, Nagahiro [JP/JP]; 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto 619-0223 (JP). KOKUBO, Toshio [JP/JP]; 3-15-18B, Jingu, Nara-shi, Nara 631-0804 (JP). SHIROO, Masahiro [JP/JP]; 1-3-17, Shikanodai-Minami, Ikoma-shi, Nara 630-0113 (JP). TAJIMI, Masaomi [JP/JP]; 1-8-7 Sakuragaoka, Seika-cho, Soraka-gun, Kyoto 619-0232 (JP). TSUKIMI, Yasuhiro [JP/JP]; 2-10-1, Kukuchi, Amagasaki-shi, Hyogo 661-0977 (JP). YAMAMOTO, Noriyuki [JP/JP]; 6-6-1-3-404, 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).

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 C07C 279/18, A61K 31/155, 31/44, 31/341, 31/351, A61P 9/00

(11) WO 03/095421 (13) A1

(21) PCT/AU03/00551

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,305 9 May/mai 2002 US (09.05.2002)

(30) 60/379,556 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AMINO ACID ANALOGUES
• ANALOGUES D'ACIDES AMINES

(71) MIMOTOPES PTY LTD [AU/AU]; 11 DUERDIN STREET, CLAYTON, Victoria 3168 (AU). THE BAKER MEDICAL RESEARCH INSTITUTE [AU/AU]; COMMERCIAL ROAD, PRAHAN, Victoria 3181 (AU).

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(72, 75) EDE, Nicholas, J. [AU/AU]; 10 Melrose Avenue, East Malvern, Victoria 3145 (AU). KAYE, David, M. [AU/AU]; 16 Hornby Street, Beaumaris, Victoria 3193 (AU). TRAINOR, Robert, W. [AU/AU]; 483 Neerim Road, Murrumbidgee, Victoria 3163 (AU). HUNTER, Andrew, N. [AU/AU]; 21 Anita Street, Beaumaris, Victoria 3193 (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).

(51)⁷ C07C 303/02, 309/80, 315/00, 317/04

(11) WO 03/095422 (13) A2

(21) PCT/US03/07886

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/137,165 2 May/mai 2002 US (02.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CATALYTIC PROCESS FOR PREPARING PERFLUOROETHANESULFONYL FLUORIDE AND/OR PERFLUORODIETHYLSULFONE

• PROCEDE CATALYTIQUE DE PREPARATION DE FLUORURE DE PERFLUOROETHANESULFONYLE ET/OU DE PERFLUORODIETHYLSULFONE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) LAMANNA, William M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BARRERA, Michael D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BAUER, Gerald L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CHEBURKOV, Yuri; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) FAGAN, Lisa 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 (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 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 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 C07C 315/02, 317/44, 315/04

(11) WO 03/095423 (13) A1

(21) PCT/EP03/04229

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) MI2002A000991 10 May/mai 2002 IT (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PROCESS FOR THE PREPARATION OF MODAFINIL

• PROCEDE DE PREPARATION DE MODAFINIL

(71) DINAMITE DIPHARMA S.P.A., in abbreviated form DIPHARMA S.P.A. [IT/IT]; S.S. 13 Pontebbana 103, I-33031 Basiliano (IT).

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(72, 75) CASTALDI, Graziano [IT/IT]; Via Livia Gallina, 5, I-28072 Briona (IT). LUCCHINI, Vittorio [IT/IT]; Via Don Candiani, 3, I-20097 San Donato Milanese (IT). TARQUINI, Antonio [IT/IT]; Via M. Balustra 23/A, I-15057 Tortona (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 317/18, 41/26, 43/23, 45/51, 49/255 // A61K 31/121, A61P 11/14, 17/00, 29/00, 39/06, 43/00, C07B 61/00

(11) WO 03/095424 (13) A1

(21) PCT/JP03/05377

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002-137721 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING SHOGAOL AND INTERMEDIATES FOR THE SYNTHESIS THEREOF

• PROCEDE DE PRODUCTION DE SHOGAOL ET PRODUITS INTERMEDIAIRES SERVANT A LA SYNTHSE DE SHOGAOL

(71) TOAGOSEI CO., LTD. [JP/JP]; 14-1, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8419 (JP).

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(72, 75) KATO, Hisatoyo [JP/JP]; c/o Toagosei Co., Ltd., Corporate Research Laboratory, 2, Ohkubo, Tsukuba-shi, Ibaraki 300-2611 (JP).

YAMAGUCHI, Shuhei [JP/JP]; c/o Toagosei Co., Ltd., Corporate Research Laboratory, 2, Ohkubo, Tsukuba-shi, Ibaraki 300-2611 (JP).

(81) CN 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).

(51)⁷ C07D 207/16, 401/12, A61K 31/40, 31/4439, A61P 3/10, 37/00, 43/00

(11) WO 03/095425 (13) A1

(21) PCT/JP03/05813

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-134421 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CYANOPYRROLIDINE DERIVATIVES

• DERIVES DE CYANOPYRROLIDINE

(71) TAISHO PHARMACEUTICAL CO., LTD. [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP).

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(72, 75) FUKUSHIMA, Hiroshi [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). HIRATATE, Akira [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). TAKAHASHI, Masato [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). KAMEO, Kazuya [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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 217/20

(11) WO 03/095426 (13) A1

(21) PCT/KR02/01859

(22) 5 Oct/oct 2002 (05.10.2002)

(25) ko (26) en

(30) PCT/KR02/00846 7 May/mai 2002 KR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL ENANTIOMERS OF TETRAHYDROISOQUINOLINE

DERIVATIVES AND THEIR PHARMACEUTICALLY ACCEPTABLE SALTS, THEIR PREPARATIONS AND PHARMACEUTICAL COMPOSITIONS

- NOUVEAUX ENANTIOMERES DE DERIVES DE TETRAHYDROISOQUINOLINE ET LEURS SELS PHARMACEUTIQUEMENT ACCEPTABLES, PREPARATIONS ET COMPOSITIONS PHARMACEUTIQUES DE CES DERNIERS

(71, 72) YUN-CHOI, HYE-SOOK [KR/KR]; Seoul National University, 28 Yeongseon-dong, Jongno-gu, 110-460 Seoul (KR). CHANG, KI CHURL [KR/KR]; Kyungsang University of Korea, College of Medicine, Chilam-dong, Jinju-si, 660-751 Kyungsan-nam-do (KR). LEE, DUCK HYUNG [KR/KR]; #6-802 Jinheung Apt., Anyang 1-dong, Manan-ku, Anyang-si, 430-011 Kyunggi-do (KR).

(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16, Yoksam-dong, Kangnam-ku, 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 KZ LC LK 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).

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(v) for all designations / pour toutes les désignations

(51)⁷ C07D 221/20, 471/10, 471/20, 491/107, A61K 31/438, 31/4747, 31/5517, A61P 25/04, 29/00, 43/00

(11) WO 03/095427 (13) A1

(21) PCT/JP03/05812

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135988 10 May/mai 2002 JP (10.05.2002)

(30) 2002-214248 23 Jul/juil 2002 JP (23.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPIRO-RING COMPOUND

- COMPOSE A NOYAU SPIRANIQUE

(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) SAITO, Shuji [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). UMEMIYA, Hiroki [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). SUGA, Yoichirou [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). SATO,

Masakazu [JP/JP]; c/o TAISHO PHARMACEUTICAL CO., LTD., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). KAWASHIMA, Naoya [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 C07D 223/16, 217/04, A61K 31/55, A61P 25/00

(11) WO 03/095428 (13) A1

(21) PCT/GB03/01983

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210762.1 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DOPAMINE RECEPTOR MODULATORS AS ANTIPSYCHOTIC AGENTS

- MODULATEURS DES RECEPTEURS DE DOPAMINE UTILISES COMME AGENTS ANTIPSYCHOTIQUES

(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)

(71, 72) GRIBBLE, Andrew, Derrick [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). FORBES, Ian, Thomson [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). LIGHTFOOT, Andrew [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). PAYNE, Andrew, H. [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). COOPER, David, Gwyn [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) MCKINNELL, Denise et al. / etc.; GlaxoSmithKline, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 231/40, 401/14, A61K 31/4155, 31/4439, A61P 25/28

(11) WO 03/095429 (13) A1

(21) PCT/DE03/01500

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 052.7 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ACTIVE SUBSTANCES FOR THE TREATMENT, DIAGNOSIS AND PROPHYLAXIS OF DISEASES IN WHICH ABNORMAL PROTEIN STRUCTURES OCCUR

- PRINCIPES ACTIFS UTILISES DANS LE TRAITEMENT, LE DIAGNOSTIC ET LA PROPHYLAXIE DE PATHOLOGIES DANS LESQUELLES INTERVIENNENT DES STRUCTURES PROTEIQUES ANORMALES

(71) TRANSMIT GESELLSCHAFT FÜR TECHNOLOGIETRANSFER MBH [DE/DE]; Kerkrader Str. 3, 35394 Giessen (DE).

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(72, 75) SCHRADER, Thomas [DE/DE]; Schwalbenweg 11, 40822 Mettmann (DE). RIESNER, Detlev [DE/DE]; Sonsbecker Str. 19, 40547 Düsseldorf (DE). RZEPECKI, Petra [DE/DE]; Wettergasse 41, 35037 Marburg (DE). NAGEL-STEGER, Luitgard [DE/DE]; Alt-Langenfeld 12, 40764 Langenfeld (DE). WEHNER, Mark [DE/DE]; Lenzhahner Weg 1A, 65527 Niedernhausen (DE). KIRSTEN, Christian [DE/DE]; Grosshamberg 11e, 51399 Burscheid (DE). MOLT, Oliver [DE/DE]; Neuenhausstr. 16, 40699 Erkrath (DE). ZADMAR, Reza [IR/DE]; Unterhof 69, App. 1013, 35392 Giessen (DE). ASCHERMANN, Katja [DE/DE]; Ilexweg 1a, 42111 Wuppertal (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 231/54, A61K 31/416, A61P 29/00, C07D 401/12, 413/12, 403/12, 409/14,

- 417/12, 409/12, 405/14, 405/12, 405/10, 401/14
- (11) WO 03/095430 (13) A1
(21) PCT/US03/08917
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/379,090 9 May/mai 2002 US (09.05.2002)
(30) PCT/US02/29774 19 Sep/sep 2002 US (19.09.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • SUBSTITUTED PYRAZOLYL COMPOUNDS FOR THE TREATMENT OF INFLAMMATION
• COMPOSES SUBSTITUES DE PYRAZOLYL UTILISES DANS LE TRAITEMENT DES INFLAMMATIONS
- (71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, P.O. Box 1027, St. Louis, MO 63006 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LENNON, Patrick [US/US]; 50 Wilshire Terrace, Webster Groves, MO 63119 (US). BONAFOUX, Dominique [FR/US]; 7337 Pershing, Apartment 1W, St. Louis, MO 63130 (US). OBURN, David, S. [US/US]; 329 Ward Drive, Ferguson, MO 63135 (US). WOLFSON, Serge, G. [US/US]; 15599 Hitchcock Road, Chesterfield, MO 63017 (US).
- (74) BAUER, S., Christopher et al. / etc.; Pharmacia Corporation, Corporate Patent Department, P.O. 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).
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- (51)⁷ C07D 233/72, 233/82, A01N 43/50, 25/16, C09D 5/14
- (11) WO 03/095431 (13) A1
(21) PCT/US03/14033
(22) 2 May/mai 2003 (02.05.2003)
(25) en (26) en
(30) 60/379,969 10 May/mai 2002 US (10.05.2002)
(30) 10/190,897 5 Jul/juil 2002 US (05.07.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • HETEROCYCLIC AMINE DIOL COMPOUNDS AND THEIR BIOCIDAL DERIVATIVES
• COMPOSES DE DIOL D'AMIDE HETEROCYCLIQUE ET LEURS DERIVES BIOCIDES
- (71) AUBURN UNIVERSITY [US/US]; Auburn, AL 36849-5312 (US). VAN-SON HALOSOURCE, INC. [US/US]; 8840-152nd Avenue NE, Redmond, WA 98052-3535 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WORLEY, Shelby, D. [US/US]; 410 Dixie Drive, Auburn, AL 36832 (US). LI, Yanjun [CN/US]; 845 8th Avenue South, Kirkland, WA 98033 (US).
- (74) CRUZ, Laura, A.; 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 235/12, A61K 31/496, C07D 403/04, 403/14, 405/14, A61P 3/04, 9/00, 13/02, 25/04, 25/14, 25/16, 25/18, 25/24, 25/28, 25/36, 43/00
- (11) WO 03/095432 (13) A1
(21) PCT/JP03/05960
(22) 13 May/mai 2003 (13.05.2003)
(25) ja (26) ja
(30) 2002-138143 14 May/mai 2002 JP (14.05.2002)
(30) 2002-254039 30 Aug/août 2002 JP (30.08.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • BENZIMIDAZOLE DERIVATIVES
• DERIVES DE BENZIMIDAZOLE
- (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 les États désignés sauf US)
- (72, 75) KOBAYASHI, Kensuke [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). TAKAHASHI, Hiromi [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). KATO, Tetsuya [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). ITOH, Satoru [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). YOSHIZUMI, Takashi [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). OKAMOTO, Osamu [JP/JP]; c/o Banyu Pharmaceutical Co., Ltd., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 237/04, A61K 31/50, A61P 43/00, C07D 401/12, 403/12, 413/12, 409/12
- (11) WO 03/095433 (13) A1
(21) PCT/FR03/01335
(22) 29 Apr/avr 2003 (29.04.2003)
(25) fr (26) fr
(30) 02/05573 3 May/mai 2002 FR (03.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • HEXAHYDRO-PYRIDAZINE-3-CARBOXYLIC ACID DERIVATIVES, PHARMACEUTICAL COMPOSITIONS CONTAINING SAME AND PREPARATION METHODS THEREOF
• DERIVES DE L'ACIDE HEXAHYDRO-PYRIDAZINE-3-CARBOXYLIQUE, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET LEURS PROCÉDES DE PREPARATION
- (71) AVENTIS PHARMA S.A. [FR/FR]; 20 Avenue Raymond Aron, F-92160 ANTONY (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BHATNAGAR, Neerja [IN/FR]; 2 rue de la Remise des Gatines, F-91600 SASTRY, Jean-François [FR/FR]; 12 rue de la Biberonne, F-77410 CLAYE SOUILLY (FR). MAUGER, Jacques [FR/FR]; 6 rue Roubo, F-75011 PARIS (FR).
- (74) ROUSSEAU, Pierrick; AVENTIS PHARMA S.A., Direction Brevets, 20 Avenue Raymond Aron, F-92165 ANTONY 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 C07D 265/36, A61K 31/536, C07D 413/04, A61P 25/18

(11) WO 03/095434 (13) A1

(21) PCT/EP03/04671

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,003 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BENZOXAZINE DERIVATIVES AS 5-HT₆ MODULATORS AND USES THEREOF

• DERIVES DE BENZOXAZINE SERVANT DE MODULATEURS DE 5-HT₆ ET LEURS UTILISATIONS

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; 124, Grenzachstrasse, CH-4070 Basle (CH).

(72) BERGER, Jacob; 12135 Dawn Lane, Los Altos Hills, CA 94022 (US). CLARK, Robin, Douglas; 4894 Kua Road, Lawai, Hawaii 96765 (US). ZHAO, Shu-Hai; 426 Ositos Avenue, Sunnyvale, CA 94086 (US).

(74) WAECHTER, Dieter; 124 Grenzachstrasse, CH-4070 Basle (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 277/40, 417/12, 417/14, A61K 31/426, 31/427, A61P 31/12, 31/22

(11) WO 03/095435 (13) A1

(21) PCT/JP03/05756

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-133416 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AMIDE DERIVATIVES

• DERIVES D'AMIDES

(71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP). RATIONAL DRUG DESIGN LABORATORIES [JP/JP]; 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).

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(72, 75) KONTANI, Toru [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585

(JP). MIYATA, Junji [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). HAMAGUCHI, Wataru [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). MIYAZAKI, Yoji [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). YAMAMOTO, Osamu [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP). SUZUKI, Hiroshi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). SUDO, Kenji [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).

(74) NAGAI, Shozo et al. / etc.; 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 293/12, C07H 19/02, C07F 15/00, A61P 29/00, 35/00

(11) WO 03/095436 (13) A1

(21) PCT/CN02/00412

(22) 10 Jun/juin 2002 (10.06.2002)

(25) zh (26) zh

(30) 01118666.6 8 Jun/juin 2001 CN (08.06.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BENZOISOLENASE DERIVATIVES WITH ANTI-INFLAMMATION, ANTIVIRUS AND ANTI-THROMBOSIS ACTIVITY AND THEIR USE

• DERIVES DE BENZOISOLENASE AYANT UNE ACTIVITE ANTI-INFLAMMATOIRE, ANTIVIRALE ET ANTITHROMBOSE ET LEUR UTILISATION

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 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 C07D 295/084, 295/108, 295/192, 213/36, 215/12, 309/36, 401/12, 405/12, A61K 31/495, A61P 25/24

(11) WO 03/095437 (13) A1

(21) PCT/CN03/00273

(22) 16 Apr/avr 2003 (16.04.2003)

(25) zh (26) zh

(30) 02111614.8 8 May/mai 2002 CN (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARALKYL FORMYL-ALKYL PIPERAZINE DERIVATIVES AND THEIR USES AS CEREBRAL NERVE PROTECTIVE AGENT

• DERIVES D'ARALKYL FORMYL-ALKYL PIPERAZINE ET LEURS UTILISATIONS EN TANT QU'AGENT PROTECTEUR DU NERF CEREBRAL

(71) SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY [CN/CN]; No.1320 West Beijing Road, Shanghai 200040 (CN).

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(74) CHINA SINDA INTELLECTUAL PROPERTY LTD.; B11th Floor, Focus Place, 19 Financial Street, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 307/16, 309/04, 417/12, 405/12, 241/20, 409/12, 277/46, 213/75, C07C 275/52, A61K 31/335, 31/38, 31/425, 31/4965, 31/44, A61P 3/10

(11) WO 03/095438 (13) A1

(21) PCT/EP03/03844

- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (30) 60/376,161 26 Apr/avr 2002 US (26.04.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SUBSTITUTED PHENYLAC-ETAMIDES AND THEIR USE AS GLUCOKINASE ACTIVATORS
• ACTIVATEURS DE GLUCOKINASE OXYGENES CYCLOALKYLE OU SUBSTITUES CYCLOALKYLE
- (71) F. HOFFMANN-LA ROCHE AG [CH/CH]; 124, grenzacherstrasse, CH-4070 Basle (CH).
- (72) CORBETT, Wendy, Lea; 36 Ridge-wood Drive, Randolph, NJ 07869 (US). GRIMSBY, Joseph, Samuel; 21 Sand-burg Drive, Morganville, NJ 07751 (US). HAYNES, Nancy-Ellen; 508 Linden Place, Cranford, NJ 07016 (US). KESTER, Robert, Francis; 162 Forest Hill Road, West Orange, NJ 07052 (US). MAHANEY, Paige, Erin; 4 Freigh Lane, Pottstown, PA 19465 (US). RACHA, Jagdish, Kumar; 17 Aberdeen Avenue, Iselin, NJ 08830 (US). SARABU, Ramakanth; 3 Candlewick Drive, Towaco, NJ 07082 (US). WANG, Ka; 37 Tammy Terrace, Wayne, NJ 07470 (US).
- (74) BRODBECK, Michel; 124 Grenzacher-strasse, CH-4070 Basle (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 C07D 307/32
- (11) WO 03/095439 (13) A1
- (21) PCT/IB03/01838
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 60/380,678 14 May/mai 2002 US (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS FOR MANUFACTURE OF DIHYDRO-FURAN-2-ONE DERIVATIVES
• PROCEDES DE PREPARATION DE DERIVES DE DIHYDRO-FURAN-2-ONE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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- (72, 75) URBAN, Frank, John [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). JASY, Vytautas, John [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). LI, Zhengong, Bryan [CN/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Groton, CT 06340 (US). LI, Zhengong, Bryan [CN/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 307/32, 405/12, 241/44
- (11) WO 03/095440 (13) A1
- (21) PCT/IB03/01840
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 60/380,694 14 May/mai 2002 US (14.05.2002)
- (30) 60/397,138 18 Jul/juil 2002 US (18.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DIHYDROXYHEXANOIC ACID DERIVATIVES, THEIR INTERMEDIATES, AND METHODS OF MAKING
• DERIVES D'ACIDE DIHYDROXY-HEXANOIQUE, LEURS INTERMÉDIAIRES ET PROCÉDES DE PRÉPARATION CORRESPONDANTS
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) URBAN, Frank, John [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). JASY, Vytautas, John [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). LI, Zhengong, Bryan [CN/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). KATH, John, Charles [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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).
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- (51)⁷ C07D 309/32, 417/06, 407/06, 405/06, 413/12, 405/12, 487/04, A61K 31/365, A61P 31/14
- (11) WO 03/095441 (13) A1
- (21) PCT/IB03/01905
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/379,433 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INHIBITORS OF HEPATITIS C VIRUS RNA-DEPENDENT RNA POLYMERASE, AND COMPOSITIONS AND TREATMENTS USING THE SAME
• INHIBITEURS DE L'ARN POLYMERASE ARN-DEPENDANTE DU VIRUS DE L'HEPATITE C ET COMPOSITIONS ET TRAITEMENTS UTILISANT CETTE POLYMERASE
- (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 US)
- (72, 75) GONZALEZ, Javier [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). BORCHARDT, Allen, John [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). DRAGOVICH, Peter, Scott [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). JEWELL, Tanya, Michelle [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). LINTON, Maria, Angelica [SV/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). ZHOU, Ru [CN/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). LI, Hui [CN/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). TATLOCK, John, Howard [CN/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). ABREO, Melwyn, A. [US/US]; 3373 Armagosa Way, Jamul, CA 91935 (US). PRINS, Thomas, J. [US/US]; 2448-1/2 Oxford Avenue, Cardiff, CA 92007 (US).
- (74) LUMB, J., Trevor et al. / etc.; c/o Simpson, Alison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (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 311/00

(11) WO 03/095442 (13) A2

(21) PCT/GB03/01503

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0210370.3 7 May/mai 2002 GB (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHEMICAL PROCESS

• PROCEDE CHIMIQUE

(71) SYNGENTA LIMITED [GB/GB]; European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB). SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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(72, 75) JONES, Raymond, Vincent, Heavon [GB/GB]; Grangemouth Manufacturing Works, Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). WHITTON, Alan, John [GB/GB]; Grangemouth Manufacturing Works, Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). BENNIE, Colin, John [GB/GB]; Grangemouth Manufacturing Works, Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). RITCHIE, David, John [GB/GB]; Grangemouth Manufacturing Works, Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). BUGNON, Pascal [CH/CH]; Route de L'île au Bois, CH-1870 Monthey (CH).

(74) HOUGHTON, Malcolm, John et al. / etc.; Syngenta Limited, Intellectual Property Department, P.O. Box 3538, Jealott's Hill Research Centre, Bracknell RG42 6YA (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 317/36, 317/38

(11) WO 03/095443 (13) A1

(21) PCT/US03/11664

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 10/141,617 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALKYLENE CARBONATE PURIFICATION METHOD

• PROCEDE DE PURIFICATION DE CARBONATE D'ALCOYLENE

(71) ARCO CHEMICAL TECHNOLOGY, L.P. [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, DE 19807 (US).

(72) KAHN, Andrew, P.; 5109 Brandywine Drive, Eagleville, PA 19403 (US).

(74) CARROLL, Kevin, M. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 321/00, A61K 31/335

(11) WO 03/095444 (13) A1

(21) PCT/US03/14571

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,534 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARTEMISININ-BASED PEROXIDE COMPOUNDS AS BROAD SPECTRUM ANTI-INFECTIVE AGENTS

• COMPOSES DE PEROXYDE A BASE D'ARTEMISININE TENANT LIEU D'AGENTS ANTI-INFECTIEUX A LARGE SPECTRE

(71) UNIVERSITY OF MISSISSIPPI [US/US]; 1009 NCNPR - Box 1848, University, MS 38677 (US).

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(72, 75) AVERY, Mitchell, A. [US/US]; 303 Woodlands Hills Drive, Oxford, MS 38655 (US). MURALEEDHARAN, Kannoth, M. [IN/US]; 119 Chestnut Street, Oxford, MS 38655 (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 US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 333/44, 409/14

(11) WO 03/095445 (13) A1

(21) PCT/KR03/00899

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10-2002-0025084 7 May/mai 2002 KR (07.05.2002)

(30) 10-2003-0010439 19 Feb/fév 2003 KR (19.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NEW ORGANIC COMPOUNDS FOR ELECTROLUMINESCENCE AND ORGANIC ELECTROLUMINESCENT DEVICES USING THE SAME

• NOUVEAUX COMPOSES ORGANIQUES POUR L'ELECTROLUMINESCENCE ET DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES DANS LESQUELS ILS SONT UTILISES

(71) LG CHEM, LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).

(72) KIM, Ji-Eun; 1006 Pyeonghwagreenpark, Jehwangsang-dong, Jinhae-city, Gyeongsangnam-do 645-240 (KR). SON, Se-Hwan; 8-405 LG Chemical apt., 381-42 Yuseong-gu, Doryong-dong, Daejeon-city 305-340 (KR). BAE, Jae-Soon; 108-110 Chowon apt., Mannyon-dong, Seo-gu, Daejeon-city 302-740 (KR). LEE, Youn-Gu; 247-184 Seokyo-dong, Mapo-gu, Seoul 121-210 (KR). KIM, Kong-Kyeum; 301, 390-9 Jeonmin-dong, Yuseong-gu, Daejeon-city 305-390 (KR). LEE, Jae-Chol; 108-301 Lotte apt., 220 Nae-dong, Seo-gu, Daejeon-city 320-181 (KR). JANG, Jun-Gi; 7-401, 386-1 Doryong-dong, Yuseong-gu, Daejeon-city 305-340 (KR). IM, Sung-Gap; 209-409 Chungmujugong apt., 872 Jaegung-dong, Gunpo-city, Gyeonggi-do 435-055 (KR).

(74) KIM, Jae-Man; 9th Fl., Teheran Bd., 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 401/04

(11) WO 03/095446 (13) A1

(21) PCT/JP03/05775

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134267 9 May/mai 2002 JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROCESS FOR PRODUCING 1-(4-PYRIDYL)-4-PIPERIDONE
- PROCEDE DE PRODUCTION DE 1-(4-PYRIDYL)-4-PIPERIDONE

(71) MOCHIDA PHARMACEUTICAL CO., LTD. [JP/JP]; 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP).

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

(72, 75) NISHIDA, Hidemitsu [JP/JP]; c/o. MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, A61K 31/47, C07D 409/14, 217/04

(11) WO 03/095447 (13) A1

(21) PCT/GB03/02060

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,759 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROCESS FOR THE PREPARATION OF A HYDRATE OF AN ANTHRANILIC ACID DERIVATIVE
- PROCEDE DE PREPARATION D'UN HYDRATE DE DERIVE D'ACIDE ANTHRANILIQUE

(71) XENOVA LIMITED [GB/GB]; 957 Buckingham Avenue, Slough, Berkshire SL1 4NL (GB).

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

(72, 75) HAYMAN, David, Frank [GB/GB]; 957 Banckingham Avenue, Slough, Berkshire SL1 4NL (GB). WRIGHT, Michael [GB/GB]; 957 Buckingham Avenue, Slough, Berkshire SL1 4NL (GB).

(74) KEEN, Celia, Mary 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, A61K 31/505, A61P 35/00

(11) WO 03/095448 (13) A1

(21) PCT/US03/13604

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,329 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PYRIDINYL AMINO PYRIMIDINE DERIVATIVES USEFUL FOR TREATING HYPER-PROLIFERATIVE DISORDERS
- DERIVES DE PYRIDINYL AMINO PYRIMIDINE UTILISES DANS LE TRAITEMENT DES TROUBLES DE L'HYPERPROLIFERATION

(71) BAYER PHARMACEUTICALS CORPORATION [US/US]; 400 Morgan Lane, West Haven, CT 06516 (US).

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

(71, 72) WOOD, Jill, E. [US/US]; 3007 Ridge Road, North Haven, CT 06473 (US). CHEN, Yuanwei [CN/US]; 15 Blue Ridge Lane, North Haven, CT 06473 (US). CHEN, Jian-qing [CA/US]; 117 Frederick Street, Apt. #2-L, New Haven, CT 06515 (US). HART, Barry [US/US]; 555 Middlefield Road, Apt. L306, Mountain View, CA 94043 (US).

(72, 75) LIU, Donglei [CN/US]; 23 Kenneth Street, Apt. 4-4B, West Haven, CT 06516 (US). VERMA, Sharad, K. [US/US]; 29 Harbour Close, New Haven, CT 06519 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Pharmaceuticals Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C07D 405/14

(11) WO 03/095449 (13) A1

(21) PCT/US03/13849

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,536 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SMALL MOLECULES FOR INHIBITION OF FUNCTION AND DRUG DELIVERY TO LEUCOCYTES
- PETITES MOLECULES DESTINEES A L'INHIBITION DE LA FONCTION DES LEUCOCYTES ET A L'APPORT DE MEDICAMENTS AUX LEUCOCYTES

(71) SCIENCE AND TECHNOLOGY CORPORATION @ UNIVERSITY OF NEW MEXICO [US/US]; 801 University Drive SE, Suite 101, Albuquerque, NM 87106 (US). REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455-2070 (US).

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

(72, 75) LARSON, Richard, S. [US/US]; 13800 Vic Road, Albuquerque, NM 87112 (US). WAGNER, Carston [US/US]; 1595 Northrop St., St. Paul, MN 55108 (US).

(74) JAGTIANI, Ajay; Jagtiani + Gutttag, 10363-A Democracy Lane, Fairfax, VA 22030 (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

(51)⁷ C07D 413/04, A01N 43/80

(11) WO 03/095450 (13) A1

(21) PCT/JP03/05753

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-133044 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ISOXAZOLE COMPOUNDS AND IN-
SECTICIDE/ACARICIDE
• COMPOSES D'ISOXAZOLE ET INSEC-
TICIDE/ACARICIDE

(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) SHIBATA, Yasushi [JP/JP]; c/o Takaoka
Plant, Nippon Soda Co., Ltd., 300, Mukain-
ohonmachi, Takaoka-shi, Toyama 933-8507
(JP). IWATA, Jun [JP/JP]; c/o Odawara
Research Center, Nippon Soda Co., Ltd.,
345, Takada, Odawara-shi, Kanagawa
250-0280 (JP). HATANOKI, Renpei [JP/JP];
c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi
2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
MAKITA, Satoru [JP/JP]; c/o Tokyo Office
Nippon Soda Co., Ltd., 4-6-2, Nihonbashi
muromachi, Chuo-ku, Tokyo 103-0022 (JP).
HANAI, Daisuke [JP/JP]; c/o Odawara Re-
search Center, Nippon Soda Co., Ltd., 345,
Takada, Odawara-shi, Kanagawa 250-0280
(JP). YAMAGUCHI, Masao [JP/JP]; c/o
Odawara Research Center, Nippon Soda
Co., Ltd., 345, Takada, Odawara-shi,
Kanagawa 250-0280 (JP). HIROKAWA,
Kenichi [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 471/04, A61K 31/506, A61P 9/02

(11) WO 03/095451 (13) A1

(21) PCT/EP03/04304

(22) 25 Apr/avr 2003 (25.04.2003)

(25) de (26) de

(30) 102 20 570.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CARBAMATE-SUBSTITUTED PYRA-
ZOLOPYRIDINES
• PYRAZOLOPYRIDINES A SUBSTITU-
TION CARBAMATE

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALONSO-ALIJA, Cristina [ES/DE];
August-Macke-Weg 3, 42781 Haan (DE).
BISCHOFF, Erwin [DE/DE]; Pahlkestr.
73, 42115 Wuppertal (DE). MÜNTER,
Klaus [DE/DE]; Memeler Str. 54, 42489
Wülfrath (DE). STASCH, Johannes-Peter
[DE/DE]; Alfred-Nobel-Str. 109, 42651
Sölingen (DE). STAHL, Elke [DE/DE];
Reuterstr. 124, 51467 Bergisch Gladbach
(DE). WEIGAND, Stefan [DE/DE]; Rück-
ertweg 35, 42115 Wuppertal (DE). FEURER,
Achim [DE/DE]; Erlbrunnweg 5, 69259
Wilhelmsfeld (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 NO NZ OM PH PL 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 C07D 471/04, 519/00, A61K 31/437, A61P
9/00, 31/0, 29/00, 37/00, 25/00, 35/00 //
(C07D 471/04, 221:00, 209:00) (C07D
519/00, 487:00, 471:00)

(11) WO 03/095452 (13) A1

(21) PCT/US03/14113

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,503 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBSTITUTED PYRROLINE KINASE
INHIBITORS
• INHIBITEURS SUBSTITUES DE LA
PYRROLINE KINASE

(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) ZHANG, Han-Cheng [US/US]; 109
Bryan Way, Lansdale, PA 19446 (US). KUO,
Gee-Hong [US/US]; 3 Traveller Way, Scotch
Plains, NJ 07076 (US). MARYANOFF,
Bruce E., [US/US]; 4029 Devonshire Drive,
Forest Grove, PA 18922 (US). YE, Hong
[US/US]; 124 Canterbury Lane, Lans-
dale, PA 19446 (US). O'NEILL, David
[GB/US]; 49 Timberwick Drive, Flemington,
NJ 08822 (US). SHEN, Lan [CN/US]; 10
Cypress Court, Clinton, NJ 08809 (US).
DEMAREST, Keith [US/US]; 1 Newell
Road, Flemington, NJ 08822 (US). CON-
WAY, Bruce [US/US]; 3302 Ephross Circle,
Doylestown, PA 18901 (US). MCCOMSEY,
David F., [US/US]; 1125 Victoria Road,
Warminster, PA 18974 (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 US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 471/06, A61K 31/4375, 31/444,
31/4709, 31/4725, 31/497, 31/506, 31/5377,
45/00, A61P 1/00, 1/04, 31/04, 35/00

(11) WO 03/095453 (13) A1

(21) PCT/JP03/05795

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-137845 13 May/mai 2002 JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • COMPOUNDS AGAINST *HELICOBACTER* ACTIVITY
• COMPOSES A ACTIVITE *ANTIHELICOBACTER*

(71) SHIONOGI & CO., LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(72, 75) SUGIMORI, Giichi [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Kokacho, Koka-gun, Shiga 520-3423 (JP). MASUI, Moriyasu [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Koka-cho, Koka-gun, Shiga 520-3423 (JP). NISHIDA, Kuniyoshi [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Kokacho, Koka-gun, Shiga 520-3423 (JP). HASEGAWA, Yasushi [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Kokacho, Koka-gun, Shiga 520-3423 (JP). KOBAYASHI, Naotake [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Kokacho, Koka-gun, Shiga 520-3423 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.; 15th Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (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 477/00, A61K 31/422, 31/427, 31/454, A61P 11/00, 31/04

(11) WO 03/095454 (13) A1

(21) PCT/JP03/06028

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002/138448 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • 1B-METHYLCARBAPENEM DERIVATIVE FOR ORAL ADMINISTRATION
• DERIVE DE 1SG(B)-METHYLCARBAPENEME POUR ADMINISTRATION ORALE

(71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).

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

(72, 75) KOBAYASHI, Yoshiyuki [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). ASHIDA, Yuka [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). UCHIDA, Takuya [JP/JP]; c/o SANKYO COMPANY, LIMITED,

2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). KOJIMA, Katsuhiko [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) OHNO, Akio et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (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 487/00

(11) WO 03/095455 (13) A2

(21) PCT/US03/13395

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 60/379,421 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • THERAPEUTIC COMPOUNDS
• COMPOSES THERAPEUTIQUES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US).

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

(72, 75) GUDMUNDSSON, Kristjan, S. [IS/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). JOHNS, Brian, A. [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(74) LEVY, David, J. et al. / etc.; GlaxoSmithKline, 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).

(51)⁷ C07D 487/04

(11) WO 03/095456 (13) A1

(21) PCT/PL03/00043

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) P-353870 14 May/mai 2002 PL (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A PROCESS FOR THE PREPARATION OF ZALEPLON
• PROCEDE DE PREPARATION DE ZALEPLON

(71) ADAMED SP Z O.O. [PL/PL]; Pienkow 149, PL-05-152 Czosnow k/Warszawy (PL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KORYCINSKA, Monika [PL/PL]; ul. M. Dabrowskiej 3/57, PL-02-115 Warszawa (PL). STAWINSKI, Tomasz [PL/PL]; ul. Kopernika 24/81, PL-27-400 Ostrowiec Swietokrzyski (PL). WIECZOREK, Maciej [PL/PL]; ul. Ogródowa 2A, PL-05-092 Lomianki (PL).

(74) SITKOWSKA, Jadwiga; Patpol Ltd., ul. Nowoursynowska 162J, PL-00-950 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 487/14, A61K 31/519, A61P 35/02, G01N 33/50

(11) WO 03/095457 (13) A1

(21) PCT/US02/14191

(22) 6 May/mai 2002 (06.05.2002)

(25) en (26) en

(30) 10/134,219 26 Apr/avr 2002 US (26.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ADENOSINE A₃ RECEPTOR MODULATORS
• MODULATEURS DES RECEPTEURS DE L'ADENOSINE A<SB>3</SB>

(71) KING PHARMACEUTICALS RE-SEARCH AND DEVELOPMENT [US/US]; 501 Fifth Street, Briston, TN 37620 (US).

(72) BARALDI, Pier, G.; Via Fossato Di Montara 17-19, I-44100 Ferrara (IT). BOREA, Pier, A.; Via del Turco, 14, I-44100 Ferrara (IT).

(74) CONLIN, David, G. et al. / etc.; Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, 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 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 489/12, C12P 17/04

(11) WO 03/095458 (13) A1

(21) PCT/GB03/01735

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 0210638.3 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICROBIAL N- AND O-DEMETHYLATION OF A THEBAINE DERIVATIVE
• N- ET O-DEMETHYLATION MICROBIENNE D'UN DERIVE DE THEBAINE

(71) RECKITT BENCKISER HEALTHCARE (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
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(72, 75) CARNELL, Andrew, John [GB/GB]; c/o University of Liverpool, Department of Chemistry, Crown Street, Liverpool, Merseyside L69 7ZD (GB). DAVIS, John, Alfred [GB/GB]; c/o Reckitt Benckiser Healthcare (UK) Limited, Dansom Lane, Hull, Yorkshire HU8 7DS (GB).

(74) HALL, Marina et al. / etc.; Group Patents Department, Reckitt Benckiser plc, Dansom Lane, Hull, Yorkshire 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 C07D 491/20, A61K 31/407, A61P 33/06

(11) WO 03/095459 (13) A2

(21) PCT/FR03/01358

(22) 30 Apr/avr 2003 (30.04.2003)

(25) fr (26) fr

(30) 02/05740 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL ALKALOID-DERIVED COMPOUNDS, PREPARATION METHOD THEREOF AND USE OF SAME FOR THE PREPARATION OF MEDICAMENTS

• NOUVEAUX COMPOSES DERIVES D'ALCALOIDES, LEUR PROCEDE DE PREPARATION, ET LEUR UTILISATION POUR LA PREPARATION DE MEDICAMENTS

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).

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(71) FRAPPIER, Jérôme, Jean-Claude (heir of the deceased inventor / héritier de l'inventeur décédé) [FR/FR]; 67, rue Condorcet, F-75009 Paris (FR). FRAPPIER, Marie-Pierre, Claudie (heir of the deceased inventor / héritière de l'inventeur décédé) [FR/FR]; 4, villa de l'Astrolabe, F-75015 Paris (FR).
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(72) FRAPPIER, François (deceased / décédé).

(72, 75) TRIGALO, Alfred, François [FR/FR]; 57, rue des Morillons, F-75015 Paris (FR). RASOANAIVO, Philippe [MG/MG]; 20, résidence de Manakambahiny, Antananarivo 101 (MG). RATSIMAMANGA, Suzanne [FR/FR]; 10, rue Georges Berger, F-75017 Paris (FR).

(74) GROSSET-FOURNIER, Chantal et al. / etc.; Grosset-Fournier & Demachy S.a.r.l., 54, rue Saint-Lazare, 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).

(51)⁷ C07D 491/22, A61K 31/435, A61P 35/00
// (C07D 491/22, 331:00, 221:00, 221:00, 209:00)

(11) WO 03/095460 (13) A1

(21) PCT/US03/12399

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/139,778 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CASCADE ESTERS OF CAMPTOTHECINS AND METHODS OF TREATING CANCER USING THESE COMPOUNDS

• ESTERS EN CASCADE DE CAMPTOTHECINE ET TECHNIQUES DE TRAITEMENT UTILISANT CES COMPOSES

(71) THE STEHLIN FOUNDATION FOR CANCER RESEARCH [US/US]; 1315 St. Joseph Parkway, Houston, TX 77002 (US).

(72) ZHISONG, Cao; 16123 Affirmed Way, Friendswood, TX 77546 (US). BEPPINO, Giovannella, C.; 6030 Yarwell, Houston, TX 77096 (US).

(74) KILYK, Luke, A.; Kilyk & Bowersox, P.L.L.C., 53 A East Lee Street, Warrenton, VA 20186 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 491/22, A61P 35/00, A61K 31/435
// (C07D 491/22, 331:00, 221:00, 221:00, 209:00)

(11) WO 03/095461 (13) A1

(21) PCT/US03/12650

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/139,817 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HALO-ALKYL ESTERS OF CAMPTOTHECINS AND METHODS OF TREATING CANCER USING THESE COMPOUNDS

• ESTERS HALOALKYLE DE CAMPTOTHECINES ET TECHNIQUES DE TRAITEMENT DU CANCER UTILISANT CES COMPOSES

(71) THE STEHLIN FOUNDATION FOR CANCER RESEARCH [US/US]; 1315 St. Joseph Parkway, Houston, TX 77002 (US).

(72) **ZHISONG, Cao**; 16123 Affirmed Way, Friendswood, TX 77546 (US). **BEPPINO, C., Giovannella**; 6030 Yarwell, Houston, TX 77096 (US).

(74) **KILYK, Luke, A.**; Kilyk & Bowersox P.L.L.C., 53 A East Lee Street, Warrenton, VA 20186 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 C07F

(11) **WO 03/095462** (13) A2

(21) PCT/EP03/04829

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) MI 2002 A000992 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLATINUM COMPLEXES CONTAINING CHEMICALLY MODIFIED BILE ACIDS, HAVING ANTITUMOR ACTIVITY

• COMPLEXES DE PLATINE CONTENANT DES ACIDES BILIAIRES MODIFIÉS CHIMIQUEMENT ET PRÉSENTANT UNE ACTIVITÉ ANTITUMORALE

(71) **ICE S.R.L.** [IT/IT]; Via Sicilia, 8/10, I-42100 Reggio Emilia (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARTOLI, Enzo** [IT/IT]; Via Sicilia, 8/10, I-42100 Reggio Emilia (IT). **PALMIERI, Beniamino** [IT/IT]; Via Bisi, 125, I-41100 Modena (IT). **MEDICI, Alessandro** [IT/IT]; Via Libia, 10, I-40138 Bologna (IT).

(74) **MINOJA, Fabrizio et al.** / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/09, 9/12

(11) **WO 03/095463** (13) A1

(21) PCT/US03/14146

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/378,483 **7 May/mai 2002 (07.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NEOPENTYLGLYCOL BIS (DIARYLPHOSPHATE) ESTERS
• NEOPENTYLGLYCOL BIS (DIARYLPHOSPHATE) ESTERS

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, P.O. Box 9300, 6800 SB Arnhem (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRIGHT, Danielle, Angrand** [US/US]; 21 Zabella Drive, New City, NY 10956 (US). **PIRRELLI, Ronald, L.** [US/US]; 61 Oak Ridge Circle, Mahopac, NY 10541 (US). **DESIKAN, Ananthan, Narayanan** [IN/US]; 64 Ganung Drive, Ossining, NY 10562 (US).

(74) **FENNELLY, Richard, P.**; Akzo Nobel Inc., Intellectual Property Department, 7 Livingstone Avenue, Dpbbs Ferry, NY 10522 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 9/10, A61K 9/10

(11) **WO 03/095464** (13) A1

(21) PCT/EP03/04942

(22) **12 May/mai 2003 (12.05.2003)**

(25) de (26) de

(30) 102 21 183.3 **13 May/mai 2002 (13.05.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHOSPHATIDYL OLIGO GLYCERINS AND STRUCTURAL ANALOGS
• PHOSPHATIDYL-OLIGO-GLYCERINES ET ANALOGUES STRUCTURAUX

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EIBL, Hansjörg** [DE/DE]; Heinrich-Deppe-Ring 22, 37120 Bovenden (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C07F 17/00, C08F 4/64

(11) **WO 03/095465** (13) A1

(21) PCT/RU03/00212

(22) **12 May/mai 2003 (12.05.2003)**

(25) ru (26) ru

(30) 2002112538 **13 May/mai 2002 (13.05.2002)** RU

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING METAL-LOCENE HALIDES
• PROCÉDE D'OBTENTION D'HALOGENURES DE METALLOCENES

(71) **OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU SYNOR** [RU/RU]; Moskovskoe shosse, 85, Nizhny Novgorod, 603079 (RU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SMIRNOV, Aleksandr Sergeevich** [RU/RU]; ul. Akimova, 47-40, Nizhny Novgorod, 603159 (RU). **ALADIIN, Aleksandr Alekseevich** [RU/RU]; ul. Lopatina, 11-147, Nizhny Novgorod, 603165 (RU). **TATARNIKOV, Aleksei Nikolaevich** [RU/RU]; ul. Shalyapina, 6-6, Nizhny Novgorod, 603074 (RU). **KABAROVA, Nadezda Jurievna** [RU/RU]; ul. Mechnikova, 55-38, Nizhny Novgorod, 603148 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/00, A61K 31/00

(11) **WO 03/095466** (13) A1

(21) PCT/US03/14914

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 10/144,396 **13 May/mai 2002 (13.05.2002)** US

(30) Not furnished / non communiqué **13 May/mai 2003 (13.05.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • 6,11 BICYCLIC ERYTHROMYCIN DERIVATIVES

- DERIVES DE L'ERYTHROMYCINE
6,11 BICYCLIQUE
- (71) ENANTA PHARMACEUTICALS, INC.
[US/US]; 500 Arsenal Street, Watertown,
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- (72) OR, Yat, Sun; 169 Fayette Street, Water-
town, MA 02472 (US). WANG, Guoqiang;
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PHAN, Ly, Tam; 66 Devir Street Apt.211,
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dover, MA 01810 (US). VO, Nha, Huu; 92
Devir Street, Apt. 404, Malden, MA 02148
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(US).
- (74) FERRONE, Jason, D.; Enanta Pharmaceu-
ticals, Inc., Patent Dept., 500 Arsenal 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) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 19/00
(11) WO 03/095467 (13) A1
(21) PCT/DK03/00305
(22) 8 May/mai 2003 (08.05.2003)
(25) en (26) en
(30) PA 2002 00712 8 May/mai 2002 DK
(08.05.2002)
(30) PA 2002 01214 16 Aug/août 2002 DK
(16.08.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • SYNTHESIS OF LOCKED NUCLEIC
ACID DERIVATIVES
• SYNTHÈSE DE DÉRIVÉS D'ACIDES
NUCLÉIQUES LNA
- (71) SANTARIS PHARMA A/S [DK/DK]; Bøge
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les États désignés sauf US)
- (72, 75) SØRENSEN, Mads, Detlef [DK/DK];
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KOCH, Troels [DK/DK]; Funkiavej 47,
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- (74) PLOUGMANN & VINGTOFT A/S; Sund-
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hagen Ø (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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 19/01, A01N 43/90
(11) WO 03/095468 (13) A1
(21) PCT/EP03/04740
(22) 6 May/mai 2003 (06.05.2003)
(25) en (26) en
(30) 774/02 7 May/mai 2002 CH
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • 4"-DEOXY-4"-(S)-AMIDO AVER-
MECTIN DERIVATIVES
• DÉRIVÉS DE 4"-DÉSOXY-4"-(S)-
AMIDO AVERMECTINE
- (71) SYNGENTA PARTICIPATIONS AG
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Basel (CH).
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les États désignés sauf US)
- (72, 75) TOBLER, Hans [CH/CH]; Syngenta
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Fiona [IE/CH]; Syngenta Crop Protection
AG, Schwarzwaldallee 215, CH-4058 Basel
(CH).
- (74) SYNGENTA PARTICIPATIONS AG; In-
tellectual 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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 C07H 21/02, C12M 1/34, C12Q 1/68,
G01N 21/00, 21/29, 33/53, 33/549, 33/566
(11) WO 03/095469 (13) A1
(21) PCT/US03/14417
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
- (30) 60/379,326 9 May/mai 2002 US
(09.05.2002)
- (30) Not furnished / 8 May/mai 2003 US
non communiqué (08.05.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR VISU-
ALIZATION AND DIGITAL ANALYSIS
OF PROTEIN AND OTHER MACRO-
MOLECULE MICROARRAYS
• SYSTEME ET PROCEDE POUR LA VI-
SUALISATION ET L'ANALYSE NUME-
RIQUE DE MICRORESEAUX DE PRO-
TEINES ET D'AUTRES MACROMOLE-
CULES
- (71) MIRAGENE, INC. [US/US]; 16632 Mil-
likan Avenue, Irvine, CA 92606 (US).
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les États désignés sauf US)
- (72, 75) LEBRUN, Stewart, J. [US/US]; 531
Wilson St. #B-204, Costa Mesa, CA 92616
(US).
- (74) ALTMAN, Daniel, E.; 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 UZ VC VN
YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 :
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-
- (51)⁷ C07J 9/00, 75/00, A61K 31/575, A61P
35/00
(11) WO 03/095470 (13) A1
(21) PCT/EP03/04828
(22) 8 May/mai 2003 (08.05.2003)
(25) en (26) en
(30) MI2002A000993 10 May/mai 2002 IT
(10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • PLATINUM COMPLEXES HAVING
ANTITUMOR ACTIVITY
• COMPLEXES DE PLATINE PRESEN-
TANT UNE ACTIVITE ANTITUMO-
RALE
- (71) ICE S.R.L. [IT/IT]; Via Sicilia, 8/10,
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les États désignés sauf US)

(72, 75) **BARTOLI, Enzo** [IT/IT]; Via Sicilia, 8/10, I-42100 Reggio Emilia (IT). **PALMIERI, Beniamino** [IT/IT]; Via Bisi, 25, I-41100 Modena (IT). **MEDICI, Alessandro** [IT/IT]; Via Libia, 10, I-40138 Bologna (IT).

(74) **MINOJA, Fabrizio et al.** / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, 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 US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07J 41/00, A61K 31/575, 31/58, A61P 1/16

(11) WO 03/095471 (13) A2

(21) PCT/EP03/04861

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) MI2002A001025 14 May/mai 2002 IT (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRUGS FOR THE TREATMENT OF ACUTE DYSFUNCTIONS OF PORTAL AND HEPATIC VENOUS CIRCULATION

• PRODUITS PHARMACEUTIQUES POUR TRAITER DES DYSFONCTIONNEMENTS AIGUS DE LA CIRCULATION DE LA VEINE PORTE ET DE LA VEINE HEPATIQUE

(71) **NICOX S.A.** [FR/FR]; 2455 Routes des Dolines, Espace Gaia II - Batiment I, F-06906 Sophia Antipolis (FR).

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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 C07J 73/00

(11) WO 03/095472 (13) A1

(21) PCT/HU03/00036

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) P0201584 10 May/mai 2002 HU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR DEHYDROGENATION OF AZAANDROSTANE COMPOUNDS
• PROCEDE DE DESHYDROGENATION DE COMPOSES D'AZAANDROSTANE

(71) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.** [HU/HU]; Gyömrői út 19-21, H-1103 Budapest (HU).

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(72, 75) **BARTHÓ, István** [HU/HU]; Alsómalom u. 3, H-1164 Budapest (HU). **HÉRINÉ, BERTA, Mónika** [HU/HU]; Fűredi út 52-54, H-1144 Budapest (HU). **DÉVÉNYI, Tamás** [HU/HU]; Villányi út 78/C, H-1118 Budapest (HU). **HANTOS, Gábor** [HU/HU]; Pára u. 6, H-1108 Budapest (HU). **OLASZ, Katalin** [HU/HU]; Örmester u. 7, H-1163 Budapest (HU). **PÉCSNÉ, RÁZSÓ, Ágnes** [HU/HU]; Kassai tér 10, H-1142 Budapest (HU).

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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).

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 C07K

(11) WO 03/095473 (13) A2

(21) PCT/US03/12125

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,668 9 May/mai 2002 US (09.05.2002)

(30) 60/448,869 24 Feb/fév 2003 US (24.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PEPTIDES AND METHODS FOR CELL DEATH REGULATION

• PEPTIDES ET PROCEDES DE REGULATION DE LA MORT CELLULAIRE

(71) **ROCKEFELLER INSTITUTE** [US/US]; 1230 York Avenue, Box 81, New York, NY 10021 (US). **RAPAPORT FAMILY INSTITUTE FOR RESEARCH IN THE MEDICAL SCIENCES** [IL/IL]; Efron Street, Bat Galim, P.O.B. 9649, Haifa 31096 (IL).

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(72, 75) **STELLER, Hermann** [US/US]; 1161 York Avenue, Apt. 8E, New York, NY 10021 (US). **DON RYOO, Hyung** [KR/US]; 500 East 63rd Street, Apt. 9A, New York, NY 10021 (US). **CIECHANOVER, Aaron** [IL/IL]; 21 Peretz Bernstein, 34981 Haifa (IL). **GONEN, Hedva** [IL/IL]; 8 Yasmin, 30900 Zichron-Yakov (IL).

(74) **COHEN, Mark, S.**; Eitan, Pearl, Latzer & Cohen Zedek, L.L.P., Suite 1001, 10 Rockefeller Plaza, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095474 (13) A2

(21) PCT/US03/12386

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/139,624 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PEPTIDES AND METHODS FOR THE CONTROL OF OBESITY

• PEPTIDES ET PROCEDES PERMETTANT DE CONTROLER L'OBESITE

(71) **UNIVERSITY OF FLORIDA** [US/US]; 223 Grinter Hall, Gainesville, FL 32611-5500 (US).

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(74) **CLARKE, Dennis, P. et al.** / etc.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).

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

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/095475 (13) A2
- (21) PCT/US03/14869
- (22) 10 May/mai 2003 (10.05.2003)
- (25) en (26) en
- (30) 60/379,598 10 May/mai 2002 US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PEPTIDE COMPOUNDS AND THEIR
USE AS PROTEASE SUBSTRATES
- COMPOSES PEPTIDIQUES ET LEUR
UTILISATION COMME SUBSTRATS
DE PROTEASES
- (71) PHARMACIA CORPORATION [US/US];
P.O. Box 1027, Chesterfield, MO 63006 (US).
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les États désignés sauf US)
- (72, 75) DECRESCENZO, Gary, A. [US/US];
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RICO, Joseph, G. [US/US]; 524 Wetherby
Terrace Drive, St. Louis, MO 63021 (US).
ZHANG, Kun [CN/US]; 15391 Highcroft
Drive, Chesterfield, MO 63017 (US).
- (74) GRYTE, David, M. et al. / etc.; Harness,
Dickey & Pierce, P.L.C., Suite 400, 7700 Bon-
homme, 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).
-
- (51)⁷ C07K
- (11) WO 03/095476 (13) A2
- (21) PCT/US03/07683
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) en (26) en
- (30) 10/063,046 8 May/mai 2002 US
(08.05.2002)
- (30) PCT/US02/02007 24 Jun/juin 2002 US
(24.06.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PEPTIDES FOR REGULATION OF
UROKINASE (uPA) AND TISSUE

TYPE (tPA) PLASMINOGEN ACTIVA-
TOR AND METHOD OF OPTIMIZING
THERAPEUTIC EFFICACY

- PEPTIDES REGULANT LES ACTI-
VATEURS DU PLASMINOGENE DE
L'UROKINASE (UPA) ET DU TYPE DE
TISSU (TPA) ET PROCEDE D'OPTIMI-
SATION DE L'EFFICACITE THERA-
PEUTIQUE
- (71) THROMBOTECH LTD. [IL/IL]; P.O. Box
732, 17106 Nazareth Illit (IL).
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les États désignés sauf US)
- (71) KARMALI, Rashida, A. [US/US]; 99 Wall
street, 10th Fl., New York, NY 10005 (US).
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- (72, 75) HIGAZI, Abd-Al-Roof [IL/IL]; Neveh
Shalom, 99761 D.N. Shimshon (IL).
- (74) KARMALI, Rashida, A.; 99 Wall Street,
10th Floor, New York, NY 10005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/095477 (13) A2
- (21) PCT/US03/08150
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,020 15 Mar/mar 2002 US
(15.03.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MINIPROTEIN LIGANDS AND OTHER
POLYPEPTIDES AND METHODS FOR
MAKING AND USING SAME
- LIGANDS DE PETITES PROTEINES
ET AUTRES POLYPEPTIDES ET PRO-
CEDES DE FABRICATION ET D'UTI-
LISATION DE CORRESPONDANTS
- (71) BOARD OF REGENTS, THE UNIVER-
SITY 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) FOX, Robert, O. [US/US]; 8 Quin-
tana Drive, Galveston, TX 77554 (US).
BARRETT, Alan, D. [GB/US]; 13648
Mutiny Lane, UT Box 25063, Galveston, TX
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ton, TX 77550 (US). HOLBROOK,
Michael, R. [US/US]; 1611 Norwood Place,
Oklahoma City, OK 73120 (US).
- (74) ROGALSKYJ, Peter et al. / etc.; Rogalskyj
& Weyand, LLP, P.O. Box 44, Livonia, New
York 14487-0044 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/083, C12Q 1/18, G01N 33/58
- (11) WO 03/095478 (13) A1
- (21) PCT/EP03/04924
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 02010593.8 10 May/mai 2002 EP
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • THERMOSTABLE AND MONOCON-
JUGATABLE GOLD CLUSTER COM-
PLEXES
- COMPLEXES AGREGATS D'OR
THERMOSTABLES ET MONOCON-
JUGABLES
- (71) RUHR-UNIVERSITÄT BOCHUM
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Bochum (DE).
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les États désignés sauf US)
- (71, 72) VON KIEDROWSKI, Günter
[DE/DE]; Steilstr. 6c, 44797 Bochum (DE).
- (72, 75) PANKAU, Wolf, Matthias [DE/DE]; Im
Westenfeld 21, 44801 Bochum (DE). MÖN-
NINGHOFF, Sven [DE/DE]; Wittener Str.
37, 58285 Gevelsberg (DE).
- (74) HELBING, Jörg et al. / etc.; Von Kreisler
Seltung Werner, 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 C07K 14/16, A61K 38/16, 9/127
- (11) WO 03/095479 (13) A1
- (21) PCT/EP03/04353
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) en (26) en
- (30) 10/126,915 19 Apr/avr 2002 US
(19.04.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MULTIPLE BRANCH PEPTIDE CON-
STRUCTIONS COMPRISING FROM 2

TO 16 BRANCHES OF THE PEPTIDE RQGY OR FROM 8 TO 16 BRANCHES OF THE PEPTIDE RQGY PROVIDING FROM THE HIV GP41 GLYCOPROTEIN

- CONSTRUCTIONS PEPTIDIQUES A RAMIFICATIONS MULTIPLES COMPRENANT ENTRE 2 ET 16 RAMIFICATIONS DU PEPTIDE RQGY OU ENTRE 8 ET 16 RAMIFICATIONS DU PEPTIDE RQGY PROVENANT DE LA GLYCOPROTEINE GP41 DU VIH

(71) CELLPEP S.A. [FR/FR]; 16, rue de la Banque, F-75002 Paris (FR).

(72) MABROUK, Kamel; 7, boulevard Gustave Desplaces, F-13003 Marseille (FR). SABATIER, Jean-Marc; 12, allée des Argelas, La Gavotte, F-13790 Chateauneuf-le-Rouge (FR). ROCHAT, Hervé; 401, chemin des Saugeonnes, F-13105 Mimet (FR). VAN RIETSCHOTEN, Jurphaas; Val de la Torse, Bâtiment d'Artagnan 2, F-13100 Aix-en-Provence (FR).

(74) 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 14/20

(11) WO 03/095480 (13) A2

(21) PCT/EP03/04903

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02076800.8 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BRACHYSPIRA HYODYSENTERIÆ VACCINE

- VACCIN DE <I>BRACHYSPIRA HYODYSENTERIÆ</I>

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) ADLER, Ben [AU/AU]; 221 Lawrence Road, Mt Waverley, VIC 3149 (AU). CULLEN, Paul, Antony [AU/AU]; 10/11 Murrumbena Rd., Murrumbena, VIC 3163 (AU). COUTTS, Scott, Adam, James [AU/AU]; 2 Noora Crt., Croydon, VIC 3136 (AU). BULACH, Dieter, Mark [AU/AU]; 18 Bingley Ave., Notting Hill, VIC 3168 (AU). SEGERS, Ruud, Philip, Antoon, Maria [NL/NL]; Groenling 3, NL-5831 MZ Boxmeer (NL).

(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 MD MG MK MN MX NO NZ OM PH PL RO RU SD SG SK TN TR TT UA US UZ 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).

(51)⁷ C07K 14/315, C12N 15/31, C12Q 1/14, G01N 33/48, 33/49

(11) WO 03/095481 (13) A1

(21) PCT/NZ03/00086

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 518882 9 May/mai 2002 NZ (09.05.2002)

(30) 519052 17 May/mai 2002 NZ (17.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STREPTOCOCCAL SUPERANTIGENS SPE-L AND SPE-M

- SUPERANTIGENES DE STREPTOCOQUE SPE-L ET SPE-M

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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 C07K 14/435, A61K 38/17, C12N 15/11, A61P 31/00, A61L 9/00, 12/14

(11) WO 03/095482 (13) A2

(21) PCT/FR03/01387

(22) 5 May/mai 2003 (05.05.2003)

(25) fr (26) fr

(30) 02/05704 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL CYCLIC PEPTIDES AND USE THEREOF AS ANTI-MICROBIAL AGENTS

- NOUVEAUX PEPTIDES CYCLIQUES, LEUR UTILISATION COMME AGENTS ANTI-MICROBIENS.

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR).
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(72, 75) ROMESTAND, Bernard [FR/FR]; 56, rue des Lilas, F-34980 Saint Gely du Fesc (FR). GRANIER, Claude [FR/FR]; 10, rue de l'Eolienne, F-34830 Clapier (FR). ROCH, Philippe [FR/FR]; 113, rue du Fesquet A1, F-34080 Montpellier (FR).

(74) SCHWARTZ, Thierry et al. / etc.; Cabinet Ores, 36, rue de Saint Petersburg, 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 C07K 14/47, C12N 15/11, 15/63, 5/10, C07K 16/18, C12N 5/16, G01N 33/53, C12Q 1/68, A61K 38/17, 48/00, A01K 67/027

(11) WO 03/095483 (13) A1

(21) PCT/EP03/04886

(22) 10 May/mai 2003 (10.05.2003)

(25) en (26) en

(30) 60/379,113 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DNA ENCODING FOR A GTPASE ACTIVATING PROTEIN

- ADN CODANT POUR UNE NOUVELLE PROTEINE ACTIVANT LA GTPASE

(71) UNIVERSITAETSKLINIKUM HEIDELBERG [DE/DE]; Vossstrasse 2, 69115 Heidelberg (DE).
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(72, 75) ENDRIS, Volker [DE/DE]; Rathausstrasse 14, 69126 Heidelberg (DE). RAPPOLD, Gudrun [DE/DE]; Hausackerweg 14, 69118 Heidelberg (DE).

(74) BEHNISCH, Werner; PAc Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 Muenchen (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 C07K 14/47, C12N 15/67, 15/87, A61K
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(11) WO 03/095484 (13) A2

(21) PCT/GB03/02008

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210746.4 10 May/mai 2002 GB
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PEPTIDE

• PEPTIDE

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(74) MASCHIO, Antonio et al. / etc.; D Young &
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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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07K 14/52

(11) WO 03/095485 (13) A2

(21) PCT/IB03/01865

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,012 10 May/mai 2002 US
(10.05.2002)

(30) 60/380,573 14 May/mai 2002 US
(14.05.2002)

(30) 60/383,453 24 May/mai 2002 US
(24.05.2002)

(30) 60/383,019 24 May/mai 2002 US
(24.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • KRIB POLYNUCLEOTIDES AND
POLYPEPTIDES AND USES THEREOF
IN THE TREATMENT OF METABOLIC
DISORDERS

• POLYNUCLEOTIDES ET POLYPEP-
TIDES KRIB ET UTILISATIONS DE
CEUX-CI DANS LE TRAITEMENT DE
TROUBLES METABOLIQUES

(71) GENSET SA [FR/FR]; Route Nationale 7,
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(74) GENSET SA; c/o DE LUCA Giampiero,
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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 C07K 14/59, A61K 39/385, A61P 35/00

(11) WO 03/095486 (13) A1

(21) PCT/FR03/01420

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05691 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • USE OF A PEPTIDE DERIVED FROM
THE BETA-SUBUNIT OF HCG IN
ORDER TO GENERATE AN ANTI-TU-
MOUR CTL-TYPE RESPONSE

• UTILISATION DE PEPTIDE DERIVE
DE LA SOUS-UNITE β DE L'HCG

POUR GENERER UNE REPONSE DE
TYPE CTL ANTITUMORALE

(71) PIERRE FABRE MEDICAMENT
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(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (FR).

(81) AU BR CA CN JP MX 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07K 14/705, A61K 38/17, 39/00, B01D
9/02, G01N 33/68, A61P 31/00, G06N 3/00

(11) WO 03/095487 (13) A2

(21) PCT/GB03/02069

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0211007.0 14 May/mai 2002 GB
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMMUNOGENIC COMPLEXES

• COMPLEXES IMMUNOGENES

(71) ISIS INNOVATION LIMITED [GB/GB];
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ford, Oxfordshire OX2 7SG (GB).

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(74) CRIPPS, Joanna, E. et al. / etc.; Mew-
burn Ellis, York House, 23 Kingsway, Lon-
don, 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 14/715, 14/55, A61K 38/20, A61P 29/00, C12N 15/62

(11) WO 03/095488 (13) A1

(21) PCT/CU03/00006

(22) 8 May/mai 2003 (08.05.2003)

(25) es (26) es

(30) CU2002/0095 10 May/mai 2002 CU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHIMERIC ANTAGONIST ANTH1
• ANTAGONISTE CHIMERIQUE ANTH1

(71) CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA [CU/CU]; Ave. 31 e/ 158 y 190 Cubanacán, Playa., 10600 Ciudad de la Habana (CU).

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(74) POVEDA MARCHECO, Argia; Ave. 31 e/ 158 y 190, Cubanacán, Playa., 10600 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 C07K 14/715, 14/525, C12N 15/62, A61K 38/17

(11) WO 03/095489 (13) A1

(21) PCT/EP02/12186

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) PCT/EP02/05103 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEXAMERS OF RECEPTORS, MEMBERS OF THE TNF RECEPTOR FAMILY, THEIR USE IN THERAPY AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

• NOUVEAUX HEXAMERES DE RE-CEPTEURS, MEMBRES DE LA FAMILLE DES RECEPTEURS TNF, LEUR UTILISATION EN THERAPIE ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) APOXIS S.A. [CH/CH]; Biopôle, Chemin des Croisettes, CH-1066 Epalinges (CH).
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(72, 75) TSCHOPP, Jurg [CH/CH]; Chemin des Fontannins 10, CH-1066 Epalinges (CH). SCHNEIDER, Pascal [CH/CH]; Tuileries 7, Ch-1066 Epalinges (CH).

(74) ERNEST GUTMANN-YVES PLASSER-AUD S.A. et al. / etc.; 3, rue Chauveau-Lagarde, 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 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 C07K 14/76, A23L 1/305, A23J 1/20, 3/08, A61K 38/38, 47/12 // 35/20

(11) WO 03/095490 (13) A1

(21) PCT/IB03/02366

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210464.4 8 May/mai 2002 GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ACTIVE COMPLEX OF ALPHA-LACTALBUMIN (HAMLET) AND COFACTOR

• COMPLEXE ACTIF D'ALPHA-LACTALBUMINE (HAMLET) ET CO-FAC-TEUR

(71, 72) SVANBORG, Catherine [SE/SE]; St. Mangatan 4, S-222 29 Lund (SE).

(74) GREAVES, Carol, P.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 16/00

(11) WO 03/095491 (13) A2

(21) PCT/GB03/02073

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0211015.3 14 May/mai 2002 GB (14.05.2002)

(30) 0227977.6 29 Nov/nov 2002 GB (29.11.2002)

(30) 10/379,996 6 Mar/mar 2003 US (06.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCT
• PRODUIT

(63) US 10/379,996 (CIP)
6 Mar/mar 2003 (06.03.2003)

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(74) 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 C07K 16/00, A61K 39/21, 31/70, C07H 21/04

(11) WO 03/095492 (13) A1

(21) PCT/US03/14095

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,406 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IDENTIFICATION OF NOVEL BROADLY CROSS-REACTIVE HIV-1 NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES

- IDENTIFICATION DE NOUVEAUX ANTICORPS MONOCLONAUX HUMAINS DE NEUTRALISATION A ACTIVITE SENSIBLEMENT CROISEE CONTRE LE VIRUS VIH-1
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- (72, 75) **DIMITROV, Dimiter, S.** [US/US]; 12309 Braxfield Court, #16, Rockville, MD 20852 (US). **ZHANG, Mei-Yun** [CN/US]; 1122 Taney Avenue, Frederick, MD 21702 (US).
- (74) **LARCHER, Carol et al.** / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 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).
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- (51)⁷ **C07K 17/02, 17/06, C09D 135/06, G01N 33/547**
- (11) **WO 03/095494** (13) A1
- (21) PCT/AU03/00566
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,966 **10 May/mai 2002 US (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • GENERATION OF SURFACE COATING DIVERSITY
• PRODUCTION DE DIVERS REVETEMENTS DE SURFACE
- (71) **POLYMERAT, PTY LTD** [AU/AU]; Unit 4, 26 Brandl Street, Eight Mile Plains, Queensland 4113 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARDEN, Michael, C** [US/AU]; 24/58 Sandford Street, St Lucia, Queensland 4067 (AU). **KAMBOURIS, Peter, A** [AU/AU]; 12 Maroo Street, Eight Mile Plains, Queensland 4113 (AU).
- (74) **CAINE, Michael, James 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).
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- Published / Publiée : (a)
- (51)⁷ **C08B 3/06, G02F 1/13, G02B 1/08, C08J 5/18**
- (11) **WO 03/095495** (13) A1
- (21) PCT/US02/14496
- (22) **8 May/mai 2002 (08.05.2002)**
- (25) en (26) en
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • LOW SOLUTION VISCOSITY CELLULOSE TRIACETATE AND ITS APPLICATIONS THEREOF
• TRIACETATE DE CELLULOSE A FAIBLE VISCOSITE DE SOLUTION ET APPLICATIONS ASSOCIEES
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **FREDERICK, Tim, Joseph**; 4415 Glen Eden Road, Kingsport, TN 37664-2112 (US). **GODFREY, Darryl, Aubrey**; 305 Glen Oaks Drive, Gray, TN 37615-3781 (US).
- (74) **KATZ, Mitchell, A. et al.** / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) CN JP
- (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 **C08B 37/00, C08G 83/00, 65/331, C07K 2/00**
- (11) **WO 03/095496** (13) A1
- (21) PCT/EP03/04790
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 02090169.0 **8 May/mai 2002 EP (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ACTIVE CARBOHYDRATE CONTAINING PROTECTING REAGENTS FOR CHEMICAL MODIFICATIONS, THEIR PRODUCTION AND USE
• REACTIFS PROTECTEURS CONTENANT DES CARBOHYDRATES ACTIFS DESTINES A DES MODIFICATIONS CHIMIQUES, ET PRODUCTION ET UTILISATION DE CES REACTIFS
- (71) **MEDICAL ENZYMES AG** [DE/DE]; Tel-towkanalstr. 2, 12247 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRÄHMER, Ralf** [DE/DE]; Binzstr. 35, 13189 Berlin (DE). **MÜLLER, Angela** [DE/DE]; Solmsstr. 17, 10961 Berlin (DE). **LEENDERS, Frank** [DE/DE]; Meyerheimstr. 7, 10439 Berlin (DE).
- (74) **RASCH, Dorit, R. et al.** / etc.; Gulde Hengelhaupt Ziebig & Schneider, Schützenstr. 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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- Published / Publiée : (c)
- (51)⁷ **C07K 16/42, C12N 15/13, A61K 39/395, A61P 31/04, 31/12**
- (11) **WO 03/095493** (13) A2
- (21) PCT/IB03/02348
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 0210783.7 **10 May/mai 2002 GB (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • TOXIN-RELATED POLYPEPTIDES WITH ANTIMICROBIAL & ANTIVIRAL ACTIVITY
• POLYPEPTIDES APPARENTES AUX TOXINES PRESENTANT UNE ACTIVITE ANTIMICROBIENNE ET ANTIVIRALE
- (71) **UNIVERSITA DEGLI STUDI DI SIENA** [IT/IT]; Via Banchi di Sotto 55, I-53100 Siena (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **POLONELLI, Luciano** [IT/IT]; Viale Campanini 17/1, I-43100 Parma (IT). **CASSONE, Antonio** [IT/IT]; Via Meropia 112, I-00147 Roma (IT).
- (74) **MARSHALL, Cameron, John**; Carpmacels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(51)⁷ C08B 37/00

(11) WO 03/095497 (13) A1

(21) PCT/US03/11271

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/139,858 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CATIONIC POLYMER COMPOSITION AND ITS USE IN CONDITIONING APPLICATIONS

- COMPOSITION POLYMERE CATIONIQUE ET SON UTILISATION DANS DES APPLICATIONS DE CONDITIONNEMENT

(71) HERCULES INCORPORATED [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(72) ERAZO-MAJEWICZ, Paquita; 10 Lamatan Road, Newark, DE 19711 (US). MODI, Jashawant, J.; 57 Raphael Road, Bella Vista, Hockessin, DE 19707 (US). XU, Zu-Feng; 28 Tremont Court, Newark, DE 19711 (US). WHEELER, Charles, R., Jr.; 107 Newcomb Court, Claymont, DE 19703-1309 (US).

(74) EDWARDS, David et al. / etc.; Hercules Incorporated, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 37/16, A61K 47/40

(11) WO 03/095498 (13) A1

(21) PCT/CN03/00337

(22) 9 May/mai 2003 (09.05.2003)

(25) zh (26) zh

(30) 02116766.4 10 May/mai 2002 CN
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPLEX OF ORGANIC MEDICINES AND BETA-CYCLODEXTRIN DERIVATIVES AND ITS PREPARING PROCESS

- COMPLEXE D'AGENTS THERAPEUTIQUES ORGANIQUES ET DE DERIVES DE BETA-CYCLODEXTRINE ET SON PROCEDE DE PREPARATION

(71, 72) LIU, Yunqing [CN/CN]; No. 38, Xueyuan Road, Haidian District, Beijing 100083 (CN). LIU, Xiying [CN/CN]; No. 38, Xueyuan Road, Haidian District, Beijing 100083 (CN). LIU, Wei [CN/CN]; No. 38, Xueyuan Road, Haidian District, Beijing 100083 (CN). LIU, Tong [CN/CN]; No. 38, Xueyuan Road, Haidian District, Beijing 100083 (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/02, 2/04, 212/06

(11) WO 03/095499 (13) A1

(21) PCT/JP03/05690

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-135734 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STYRENE POLYMER RESIN AND COMPOSITION THEREOF

- RESINE DE POLYMERE STYRENIQUE ET COMPOSITION OBTENUE A PARTIR DE CETTE RESINE

(71) PS JAPAN CORPORATION [JP/JP]; 4-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo 112-0002 (JP).

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

(72, 75) IKEMATSU, Takeshi [JP/JP]; 4-8-13, Kyonancho, Musashino-shi, Tokyo 180-0023 (JP). KAWASAKI, Toshiharu [JP/JP]; 138-301, Nanashimacho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0061 (JP). OHTANI, Ikuji [JP/JP]; 5-45-24, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052 (JP). TOYAMA, Mitsutoshi [JP/JP]; 6-2-20, Sasage, Konan-ku, Yokohama-shi, Kanagawa 234-0052 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/18, 4/34, C07C 409/00

(11) WO 03/095500 (13) A1

(21) PCT/EP03/04363

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 02076801.6 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGHLY CONCENTRATED, STABLE, AND SAFE DIACYL PEROXIDE AND PEROXYDICARBONATE EMULSIONS WITH A LOW CHEMICAL OXYGEN DEMAND VALUE

- EMULSIONS DE DIACYL PEROXYDE ET DE PEROXYDICARBONATE SURES, STABLES ET A FORTE CONCENTRATION COMPORTANT UNE FAIBLE VALEUR DE DEMANDE CHIMIQUE EN OXYGENE

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, 6824 AB Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE JONG, Johannes, Jacobus, Theodorus [NL/NL]; De Ham 13, NL-6932 BR Westervoort (NL). O, Boen, Ho [NL/NL]; Koekoekstraat 14, 3514 CW Utrecht (NL). WESTMIJZE, Hans [NL/NL]; Burg. Boreellaan 1, 7437 BB Bathmen (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Dept. (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/20, D21H 21/10

(11) WO 03/095501 (13) A1

(21) PCT/SE03/00726

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02445055.3 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PREPARING A POLYMER DISPERSION

- PROCEDE DE PREPARATION D'UNE DISPERSION DE POLYMERE

(71) AKZO NOBEL N.V. [NL/NL]; P.O. Box 9300, NL-6800 SB ARNHEM (NL).
(for all designated States except / pour tous les États désignés sauf US)(71) EKA CHEMICALS AB [SE/SE]; -, S-445 80 BOHUS (SE).
(only for / seulement pour SE)

(72, 75) STRUCK, Oliver [DE/DE]; Oberstr. 26, 52349 DÜREN (DE). PRZYBYLA, Christian [DE/DE]; Werrastrasse 13, 47051 DUISBURG (DE). SIEGER, Achim [DE/DE]; Flurstrasse 84, 52355 DÜREN (DE). HAHN, Mathias [DE/DE]; An der Bahn 2, 14557 WILHELMSHORST (DE). RUPPELT, Dirk

[DE/DE]; Lennestrasse 20A, 14469 POTS-DAM (DE). JAEGER, Werner [DE/DE]; Wendemarken 22, 14532 KLEINMACH-NOW (DE).

(74) NYANDER, Johan; Eka Chemicals AB, Patent Department, P.O. Box 11556, S-100 61 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 : (c)

(51)⁷ C08F 4/00

(11) WO 03/095502 (13) A1

(21) PCT/FR03/01302

(22) 14 May/mai 2003 (14.05.2003)

(25) fr (26) fr

(30) 02/05983 14 May/mai 2002 FR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYMER OBTAINED BY MEANS OF CONTROLLED RADICAL POLYMERISATION COMPRISING AT LEAST ONE BORONATE FUNCTION, ASSOCIATION THEREOF WITH A LIGAND COMPOUND AND USES OF SAME

• POLYMERES OBTENU PAR POLYMERISATION RADICALAIRE CONTROLEE COMPRENANT AU MOINS UNE FONCTION BORONATE, ASSOCIATION AVEC UN COMPOSE LIGAND ET UTILISATIONS

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 BOULOGNE-BILLANCOURT CEDEX (FR).

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

(72, 75) DESTARAC, Mathias [FR/FR]; 64, boulevard du Port-Royal, F-75005 PARIS (FR). BAVOUZET, Bruno [FR/FR]; 156, avenue Parmentier, F-75010 PARIS (FR). BZDUCHA, Wojciech [FR/FR]; 40, Terrasse de l'Iris, F-92400 COURBEVOIE (FR). FLEURY, Etienne [FR/FR]; 26, rue Taillepied, F-69540 IRIGNY (FR).

(74) BOITTIAUX, Vincent et al. / etc.; RHODIA SERVICES, Direction de la Propriété Industrielle, 40, rue de la Haie 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).

Published / Publiée : (c)

(51)⁷ C08F 4/52, 4/54, 36/04

(11) WO 03/095503 (13) A1

(21) PCT/JP03/05774

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-132993 8 May/mai 2002 JP (08.05.2002)

(30) 2003-24347 31 Jan/jan 2003 JP (31.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYMERIZATION CATALYST
• CATALYSEUR DE POLYMERISATION

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).

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

(72, 75) KAITA, Shojiro [JP/JP]; C/O RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). HOU, Zhaomin [CN/JP]; C/O RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). WAKATSUKI, Yasuo [JP/JP]; C/O RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). DOI, Yoshiharu [JP/JP]; C/O RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (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 C08F 4/658

(11) WO 03/095504 (13) A1

(21) PCT/JP03/05615

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002-135469 10 May/mai 2002 JP (10.05.2002)

(30) 2002-135470 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOLID CATALYST COMPONENT FOR OLEFIN POLYMERIZATION, CATALYST FOR OLEFIN POLYMERIZATION AND METHOD FOR PRODUCING OLEFIN POLYMER

• COMPOSE CATALYSEUR SOLIDE POUR POLYMERISATION D'OLEFINES, CATALYSEURS POUR POLYMERISATION D'OLEFINES ET PROCEDE DE PRODUCTION DE POLYMERES D'OLEFINES

(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) TANASE, Shojiro [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). SADASHIMA, Takanori [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). YABUNOUCHI, Nobuhiro [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). KURAMOTO, Masahiko [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). FUNABASHI, Hideo [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(74) WATANABE, Kihei; Shibashin Kanda Bldg. 3rd Floor, 26, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (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 C08F 8/18, C07C 2/50, G03F 7/004, 7/039

(11) WO 03/095505 (13) A1

(21) PCT/US03/14298

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,264 7 May/mai 2002 US (07.05.2002)

(30) Not furnished / 7 May/mai 2003 US non communiqué (07.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUORINATED POLYMERS
• POLYMERES FLUORES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) NAIR, Haridasan, K.; 143 Palmdale Drive, Williamsville, NY 14221 (US). VAN DER PUY, Michael; 3 Exeter Road, Amherst, NY 14221 (US). POSS, Andrew, J.; 62 Deerpark Blvd., Kenmore, NY 14217 (US). NALENWAJEK, David; 22 Cedar Court, West Seneca, NY 14224 (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 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 C08F 8/32

(11) WO 03/095506 (13) A1

(21) PCT/EP03/04849

(22) 9 May/mai 2003 (09.05.2003)

- (25) en (26) en
- (30) PI20021704 **10 May/mai 2002 MY (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RADIATION CURABLE COMPOSITIONS
• COMPOSITIONS DURCISSABLES PAR RAYONNEMENT
- (71) UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEW, Kong, Chin [MY/MY]; PT 12701, Tuanku Jaafar Industrial Park, 71450 Seremba, Negeri Sembilan (MY). ALIAS, Norazmi [MY/MY]; Tuanku Jaafar Industrial Park, PT 12701, 71450 Seremba, Negeri Sembilan (MY).
- (74) BARUH, Colette; UCB, S.A., Intellectual Property Department, Allée de la Recherche, 60, B-1070 Brussels (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 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 C08F 8/32
- (11) WO 03/095507 (13) A1
- (21) PCT/EP03/04865
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) PI20021687 **10 May/mai 2002 MY (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • WATER-DILUTABLE/DISPERSIBLE RADIATION CURABLE COMPOSITIONS
• COMPOSITIONS DURCISSABLES PAR RAYONNEMENT DILUABLES/DISPERSIBLES DANS L'EAU
- (71) UCB, S.A. [BE/BE]; Allée de la Recherche, 60, B-1070 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEW, Kong, Chin [MY/MY]; PT 12701, Tuanku Jaafar Industrial Park, 71450 Seremba, Negeri Sembilan (MY). ALIAS, Norazmi [MY/MY]; PT 12701, Tuanku Jaafar Industrial Park, 71450 Seremban, Negeri Sembilan (MY).
- (74) BARUH, Colette et al. / etc.; UCB, S.A., Intellectual Property Department, Allée de la Recherche, 60, B-1070 Brussels (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 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 C08F 10/00, 4/651

(11) WO 03/095508 (13) A2

(21) PCT/US03/13311

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 60/378,244 **6 May/mai 2002 US (06.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MIXED CATALYST COMPOSITIONS FOR THE PRODUCTION OF POLYOLEFINS
• COMPOSITIONS DE CATALYSEUR MIXTE POUR LA PRODUCTION DE POLYOLEFINES

(71) UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOB, Robert, Charles [US/US]; 1906 Parklake Village, Katy, TX 77450 (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 C08F 16/36

(11) WO 03/095509 (13) A1

(21) PCT/US03/15178

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/381,136 **13 May/mai 2002 US (13.05.2002)**

(30) 60/426,540 **15 Nov/nov 2002 US (15.11.2002)**

(30) 60/446,395 **10 Feb/fév 2003 US (10.02.2003)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SULFONATED COPOLYMER
• COPOLYMERES SULFONE

(71) POLYFUEL, INC. [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAO, Shuguang [CN/US]; 303 Chiquita Avenue, #9, Mountain View, CA 94041 (US). XU, Helen [US/US]; 657 Dunholme Way, Sunnyvale, CA 94087 (US). CHEN, Jingping [CA/US]; 858 University Avenue, Palo Alto, CA 94301 (US).

(74) TRECARTIN, Richard, F. 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 20/06, A61L 15/00

(11) WO 03/095510 (13) A1

(21) PCT/EP03/04945

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 176.0 **13 May/mai 2002 DE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING LOW-ODOR HYDROGEL-FORMING POLYMERS
• PROCEDE DE PRODUCTION DE POLYMERISATS HYDROGELIANTS A ODEUR PEU MARQUEE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NESTLER, Gerhard [AT/AT]; Richtergasse 1/9, A-1070 Wien (AT). MÜLLER-ENGEL, Klaus, Joachim [DE/DE]; Bahnhofstrasse 82, 76297 Stutensee (DE). WICKEL, Stefan [DE/DE]; Rottwegshohl 5, 67281 Bissersheim (DE).

(74) POHL, Michael; Reitsstötter, Kinzebach & Partner (Gbr), Ludwigsplatz 4, 67059 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 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).

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(51)⁷ C08F 36/14, C07C 69/602

(11) WO 03/095511 (13) A1

(21) PCT/JP03/05763

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134762 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEREOREGULAR POLYMER AND MONOMER THEREOF AND PROCESS FOR PRODUCTION OF BOTH

• POLYMERES STEREOREGULIER ET MONOMERE CORRESPONDANT, PROCEDE DE PRODUCTION DE CES DERNIERS

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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

(72, 75) MATSUMOTO, Akikazu [JP/JP]; 10-8, Nankadai 5-chome, Kawachinagano-shi, Osaka 586-0077 (JP). TANAKA, Toshihiro [JP/JP]; 12-32-301, Oriono 1-chome, Sumiyoshi-ku, Osaka-shi, Osaka 558-0032 (JP).

(74) HARA, Kenzo; HARAKENZO PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(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 C08F 293/00, C08K 5/00, C08F 8/00

(11) WO 03/095512 (13) A1

(21) PCT/EP03/04449

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 02405377.9 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYMERS PRODUCED BY ATOM TRANSFER RADICAL POLYMERIZATION TECHNIQUE WITH STRUCTURALLY MODIFIED TERMINAL GROUPS

• POLYMERES À GROUPES TERMINAUX MODIFIÉS STRUCTURELLEMENT, PRÉPARÉS AU MOYEN D'UNE TECHNIQUE DE POLYMERISATION RADICALAIRE PAR TRANSFERT D'ATOME

(71) CIBA SPECIALITY 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) CAMENZIND, Bruno [CH/CH]; Allmendstrasse 15, CH-3014 Bern (CH). DUBS, Paul [CH/CH]; Bergackerstrasse 21, CH-6330 Cham (CH). HÄNGGI, Peter

[CH/CH]; Harzerweg 1, CH-1735 Giffers (CH). MARTIN, Roger [CH/CH]; Alte Saline 16, CH-4310 Rheinfelden (CH). MÜHLEBACH, Andreas [CH/CH]; Kirchmattweg 31, CH-5070 Frick (CH). RIME, François [CH/CH]; Fenaion 47, CH-2800 Delémont (CH).

(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 C08F 293/00, C08L 53/00, C09J 153/00

(11) WO 03/095513 (13) A2

(21) PCT/FR03/01316

(22) 25 Apr/avr 2003 (25.04.2003)

(25) fr (26) fr

(30) 10/142,694 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BLOCK COPOLYMERS

• COPOLYMERES SEQUENCES

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

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

(72, 75) BENDEJACQ, Denis [FR/FR]; 84, boulevard Saint-Germain, F-75005 Paris (FR). JOANICOT, Mathieu [FR/FR]; 177, avenue Jean-Jaurès, F-92290 Chateaufort Malabry (FR). LIZARRAGA, Gilda [CL/US]; 331 Windsor Commons, Cranbury, NJ 08512 (US). PONSINET, Virginie [FR/US]; Apt 62, 870 West 181st Street, New York, NY 10033 (US).

(74) ANDRIEU, Isabelle; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-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).

(51)⁷ C08G

(11) WO 03/095514 (13) A2

(21) PCT/IB03/02303

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,945 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PHENOLIC-MODIFIED ROSIN TERPENE RESIN

• RESINE TERPENIQUE DE COLOPHANE AVEC MODIFICATION PORTANT SUR LES GROUPES PHENOLIQUES

(71) ARIZONA CHEMICAL COMPANY [US/US]; P.O. Box 550850, Jacksonville, FL 32255 (US).

(72) DESHPANDE, AK; c/o Arizona Chemical Company, P. O. Box 550850, Jacksonville, FL 32225 (US). LOCKO, George, A.; c/o Arizona Chemical Company, P. O. Box 550850, Jacksonville, FL 32225 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095515 (13) A2

(21) PCT/US03/14189

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,709 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD TO RAPIDLY PREPARE AND SCREEN FORMULATIONS AND COMPOSITIONS CONTAINING SAME

• PROCEDE POUR PREPARER ET CRIBLER RAPIDEMENT DES FORMULATIONS ET COMPOSITIONS LES CONTENANT

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; State University of New York at Buffalo, Suite 200, UB Commons, 520 Lee Entrance, Amherst, NY 14228-2567 (US).

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

(72, 75) BRIGHT, Franck, V. [US/US]; 108 Fleetwood Terrace, Williamsville, NY 14221 (US). GARDELLA, Joseph, A. [US/US]; 178 Admiral Road, Buffalo, NY 14216-2037 (US). HARD, Robert [US/US]; 30 Kingsway Drive, Williamsville, NY 14221 (US). HICKS, Wesley, L., Jr.

- [US/US]; 9714 Eric Road, Angola, NY 14006 (US).
- (74) SMITH, Glenn, D. et al. / etc.; Hodgson Russ LLP, One M & T Plaza, Suite 2000, Buffalo, NY 14203-2391 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 12/32, C07D 251/60, B01D 53/00
- (11) WO 03/095516 (13) A1
- (21) PCT/EP03/04556
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) MI2002A001026 14 May/mai 2002 IT (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROCESS FOR THE PRODUCTION OF MELAMINE FROM UREA, AND PARTICULARLY TO OBTAIN MELAMINE-FREE OFF-GAS IN THE FIRST SEPARATION STEP
- PROCEDE DE PRODUCTION DE MELAMINE A PARTIR DE L'UREE, ET EN PARTICULIER D'OBTENTION DE DEGAGEMENT GAZEUX SANS MELAMINE DANS LA PREMIERE ETAPE DE SEPARATION
- (71) EUROTecnica GROUP S.A. [CH/CH]; Rue Général Dufour 153, CH-2502 Bienne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANTUCCI, Roberto [IT/IT]; Via Birago 2, I-21050 Gorla Maggiore (IT). PARMEGIANI, Massimo [IT/IT]; Via Secchia 10, I-21057 Olgiate Olona (IT). NOE', Sergio [IT/IT]; Via Triulziana, 34, I-20097 San Donato Milanese (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).
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- (51)⁷ C08G 18/08, 18/66, 18/73, C09D 175/04
- (11) WO 03/095517 (13) A1
- (21) PCT/EP03/04604
- (22) 2 May/mai 2003 (02.05.2003)
- (25) de (26) de
- (30) 102 21 220.1 13 May/mai 2002 DE (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AQUEOUS POLYURETHANE PREPARATIONS
- PREPARATIONS DE POLYURETHANNE AQUEUSES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TREIBER, Reinhard [DE/DE]; Rohrbacher Str.116, 69181 Leimen (DE). HÄBERLE, Karl [DE/DE]; Allerheiligenstr. 15, 67346 Speyer (DE). HÖRNER, Klaus, Dieter [DE/DE]; Burgstrasse 28, 68165 Mannheim (DE). BINGEMANN, Rudolf [DE/DE]; Hauptstr. 76, 67136 Fussgönheim (DE). HOFER, Bruno [DE/DE]; St.-Josefs-Gasse 3, 67067 Ludwigshafen (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 C08G 18/08, C08J 5/14, B24B 37/00, H01L 21/304
- (11) WO 03/095518 (13) A1
- (21) PCT/JP02/04441
- (22) 7 May/mai 2002 (07.05.2002)
- (25) ja (26) ja
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF PRODUCING POLISHING PAD-USE POLYURETHANE FOAM AND POLYURETHANE FOAM
- PROCEDE DE PRODUCTION D'UN TAMPON DE POLISSAGE AU MOYEN D'UNE MOUSSE DE POLYURETHANNE ET MOUSSE DE POLYURETHANNE
- (71) TOYO TIRE & RUBBER CO., LTD. [JP/JP]; 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8661 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEYANAGI, Hiroshi [JP/JP]; c/o TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8661 (JP). INOUE, Kaoru [JP/JP]; c/o
- TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8661 (JP).
- (74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajima 7-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 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).
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- (51)⁷ C08G 63/06
- (11) WO 03/095519 (13) A1
- (21) PCT/JP03/05727
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002/132598 8 May/mai 2002 JP (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NOVEL POLYESTER HAVING π -CONJUGATED GROUP IN SIDE CHAIN AND CHARGE TRANSPORTING MATERIAL USING THE SAME
- NOUVEAU POLYESTER COMPRENANT UN GROUPE A CONJUGAISON SG(P) DANS LA CHAÎNE LATÉRALE ET UN MATÉRIAU DE TRANSPORT DE CHARGE UTILISANT CELUI-CI
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKANO, Tamaki [JP/JP]; 5-9-24-503, Ukyo, Nara-shi, Nara 630-0101 (JP).
- (74) TAKITA, Seiki et al. / etc.; 4kai, Kyobashi-Nichiei Biru, 3-4, Kyobashi 3-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (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).
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- (51)⁷ C08G 63/193
- (11) WO 03/095520 (13) A1
- (21) PCT/KR02/00841
- (22) 7 May/mai 2002 (07.05.2002)
- (25) en (26) en
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF PREPARING LIQUID CRYSTALLINE POLYESTER RESIN
- PROCEDE DE PREPARATION DE RESINE DE POLYESTER A CRISTAUX LIQUIDES
- (71) SONGWON INDUSTRIAL CO., LTD. [KR/KR]; 737-2, Yecheon-dong, Nam-ku, Ulsan-city 680-090 (KR).

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(72, 75) **KIM, Sang-Ha** [KR/KR]; 201-509 Sinjonghyundai apt., Sinjeong-2dong, Nam-ku, Ulsan-city 680-012 (KR). **JUNG, Hwa-Sik** [KR/KR]; 737-2, Yecheon-dong, Nam-ku, Ulsan-city 680-090 (KR). **PARK, Jong-Ho** [KR/KR]; 15-11, Seongbuk-2dong, Seongbuk-ku, Seoul 136-822 (KR). **SAITO, Toranosuke** [JP/JP]; 5-17-21, Yamatedai, Ibaraki-city, Osaka 567-0009 (JP).

(74) **YOU ME PATENT AND 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 KR KZ LC LK 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 64/30, C08J 5/18, B29C 47/04**

(11) **WO 03/095521** (13) A1

(21) PCT/US03/10015

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

(25) en (26) en

(30) 10/063,687 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MULTIWALL POLYCARBONATE SHEET AND METHOD FOR ITS PRODUCTION**

• **FEUILLE DE POLYCARBONATE MULTICOUCHE ET PROCÉDE DE PRODUCTION DE CELLE-CI**

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **GOOSSENS, Johannes, Martinus, Dina**; Vondellaan 66, NL-4624 HN Bergen op Zoom (NL). **KAMPS, Jan, Henk**; Kaatsbaan 76, NL-4611 JX Bergen op Zoom (NL). **PRADA, Lina**; C/Juan de la Cosa, N1, 3o A, E-3007 Murcia (ES). **TACKE-WILLEMSSEN, Augustina, Martina**; Agger 51, NL-4617 NM Bergen op Zoom (NL). **VERHOOGT, Hendrik**; Lemmeraak 51, NL-4617 GK Bergen op Zoom (NL). **ZIRKZEE, Hendricus, Franciscus**; Frisostraat 15, NL-4423 AJ Schore (NL).

(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 UZ VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 65/00**

(11) **WO 03/095522** (13) A1

(21) PCT/CN02/00919

(22) **27 Dec/déc 2002 (27.12.2002)**

(25) zh (26) zh

(30) PCT/CN02/00331 **14 May/mai 2002** CN (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **TARGETED HYDROPHILIC POLYMER, BINDERS WITH INTERFERON AND MEDICAL COMPOSITE COMPRISING ABOVE BINDERS**

• **POLYMERES HYDROPHILES DE CIBLAGE SE LIANT A L'INTERFERON ET COMPOSITE MEDICAL LES COMPRENANT**

(71) **BEIJING JIANKAI TECHNOLOGY CO. LTD.** [CN/CN]; Building C-4F, Shangdi Xinxilu N0. 2, Pioneering Park, Haidian District, Beijing 100085 (CN).

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(72, 75) **JI, Shishan** [CN/CN]; Huaye Building 1209, Tsinghua University, Beijing 100084 (CN). **ZHU, Dequan** [CN/CN]; Huaye Building 2611, Tsinghua University, Beijing 100084 (CN).

(74) **NTD PATENT & TRADEMARK AGENCY LTD., BEIJING OFFICE**; Investment Plaza, 10th floor, Block A, 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 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 **C08G 67/00**

(11) **WO 03/095523** (13) A1

(21) PCT/JP03/05725

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-132600 **8 May/mai 2002** JP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **HEAT-DECOMPOSABLE POLYMER**

• **POLYMERES DECOMPOSABLE A LA CHALEUR**

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 (JP).

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

(72, 75) **NAKANO, Tamaki** [JP/JP]; 5-9-24-503, Ukyo, Nara-shi, Nara 630-0101 (JP).

(74) **TAKITA, Seiki et al.** / etc.; 4kai, Kyobashi-Nichiei Biru, 3-4, Kyobashi 3-chome, Chuo-ku, Tokyo 104-0031 (JP).

(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 **C08G 69/40, 69/44, 69/34, A61K 7/32, 7/48**

(11) **WO 03/095524** (13) A1

(21) PCT/US03/14864

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/142,664 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **HYDROCARBON-TERMINATED POLYETHER-POLYAMIDE BLOCK COPOLYMERS AND USES THEREOF**

• **COPOLYMERES BLOC A BASE DE POLYETHER-POLYAMIDE A TERMINAISON HYDROCARBURE ET LEURS UTILISATIONS**

(71) **ARIZONA CHEMICAL COMPANY** [US/US]; 4600 Touchton Road, Suite 500, Jacksonville, FL 32246-8225 (US).

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

(72, 75) **MACQUEEN, Richard, C.** [US/US]; 501 Guy Road, Phillipsburg, NJ 08865 (US). **PALVIN, Mark, S.** [US/US]; 4 Keel Point, Savannah, GA 31419 (US).

(74) **PARKER, David, W. 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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(51)⁷ **C08G 73/10, 69/10**

(11) **WO 03/095525** (13) A1

(21) PCT/US03/14312

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,915 **7 May/mai 2002** US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • COPOLYMERS OF AMINO ACIDS AND METHODS OF THEIR PRODUCTION

• COPOLYMÈRES D'ACIDES AMINÉS ET PROCÉDÉ PRÉPARATION

- (71) **AQUERO COMPANY LLC** [US/US]; 1710 Willow Creek Circle, Suite 150, Eugene, OR 97401 (US).

- (72) **SIKES, Steven, C.**; 1292 High Street, PMB 210, Eugene, OR 97401 (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 UZ VC VN YU ZA ZM ZW.

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

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- (51)⁷ C08G 75/02, 75/14, 59/62, C07C 323/66, 323/60, 323/16, 323/20, 323/56, 323/29, C09J 163/00

- (11) WO 03/095526 (13) A1

- (21) PCT/JP02/10600

- (22) 11 Oct/oct 2002 (11.10.2002)

- (25) ja (26) ja

- (30) 2002/137594 13 May/mai 2002 JP (13.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • NOVEL SULFURIZED PHENOLIC RESIN, PROCESS FOR PRODUCING THE SAME, PHENOL DERIVATIVE HAVING THIOETHER STRUCTURE OR DISULFIDE STRUCTURE, PROCESS FOR PRODUCING THE SAME, AND EPOXY RESIN COMPOSITION AND ADHESIVE

• NOUVELLE RESINE PHENOLIQUE SULFUREE, SON PROCEDE DE PRODUCTION, DERIVE DE PHENOL PRESENTANT UNE STRUCTURE DE THIOETHER OU UNE STRUCTURE DE BISULFURE, SON PROCEDE DE PRODUCTION, COMPOSITION DE RESINE EPOXYDE ET ADHESIF

- (71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).

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- (72, 75) **SUE, Haruaki** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP). **KUMAKI, Takashi** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP). **TSUIKI, Hideyasu** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome,

Hitachi-shi, Ibaraki 317-8555 (JP). **MATSUTANI, Hiroshi** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). **TAKASAKI, Toshihiko** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). **FUKUCHI, Iwao** [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (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 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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (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 C08G 75/04

- (11) WO 03/095527 (13) A1

- (21) PCT/JP03/05043

- (22) 21 Apr/avr 2003 (21.04.2003)

- (25) ja (26) ja

- (30) 2002-132824 8 May/mai 2002 JP (08.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROCESS FOR CONTINUOUS PRODUCTION OF BRANCHED POLYARYLENE SULFIDES

• PROCEDE DE PRODUCTION EN CONTINU DE SULFURES DE POLYARYLENE RAMIFIE

- (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) **HAYASHI, Mikiya** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **SUGA, Kouichi** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

- (74) **WATANABE, Kihei**; Shibashin Kanda Bldg. 3rd Floor, 26, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (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 C08G 75/14

- (11) WO 03/095528 (13) A1

- (21) PCT/EP03/04716

- (22) 6 May/mai 2003 (06.05.2003)

- (25) de (26) de

- (30) 102 20 383.0 7 May/mai 2002 DE (07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR THE PRODUCTION OF POLYMETHYLENEPOLYSULFIDES

• PROCEDE POUR PRODUIRE DES POLYSULFURES DE POLYMETHYLENE

- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

- (72, 75) **FADERL, Jürgen** [DE/DE]; Edinger Weg 10, 68549 Ilvesheim (DE). **STERZEL, Hans-Josef** [DE/DE]; Wasgauring 3, 67125 Dannstadt-Schauernheim (DE).

- (74) **ISENBRUCK, Günter, et al.** / etc.; 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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 77/38, 77/14

- (11) WO 03/095529 (13) A1

- (21) PCT/FR03/01237

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

- (25) fr (26) fr

- (30) 60/379,575 9 May/mai 2002 US (09.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SILICON WITH DICARBOXY FUNCTION

• SILICONE A FONCTION DICARBOXY

- (71) **RHODIA CHIMIE** [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cédex (FR).

- (72) **OLIER, Philippe**; 177, Grande Rue de la Guillotière, F-69007 Lyon (FR).

- (74) **FABRE, Madeleine-France et al.** / etc.; RHODIA SERVICES, Direction de la Propriété Indust., 40, rue de la Haie-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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C08G 77/38, C11D 3/37

(11) WO 03/095530 (13) A1

(21) PCT/US03/14697

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,998 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOME CARE COMPOSITIONS COMPRISING A DICARBOXY FUNCTIONALIZED POLYORGANOSILOXANE

• COMPOSITIONS D'ENTRETIEN MENAGER COMPRENANT UN POLYORGANOSILOXANE FONCTIONNALISE PAR DICARBOXY

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). RHODIA CHIMIE [FR/FR]; 25 Quai Paul Doumer, F-92408 Courbevoie Cedex (FR).

(72) MAJETI, Satyanarayana; 8305 Cherry Laurel Drive, Middletown, OH 45044 (US). RENO, Elizabeth, Ann, Brown; 5553 Venus Lane, Fairfield, OH 45014 (US). KOVACS, Stephen, Andras; 112 Ravinewood Terrace, Loveland, OH 45140 (US). OLIER, Philippe; 177, Grande rue de la Guillotiere, F-69007 Lyon (FR).

(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) 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) 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 C08J 3/20

(11) WO 03/095531 (13) A1

(21) PCT/JP03/04651

(22) 11 Apr/avr 2003 (11.04.2003)

(25) ja (26) ja

(30) 2002-134288 9 May/mai 2002 JP
(09.05.2002)(30) 2002-188255 27 Jun/juin 2002 JP
(27.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR REUSING CRUSHED SYNTHETIC RESIN PRODUCT

• PROCEDE DE REUTILISATION D'UN PRODUIT EN RESINE SYNTHETIQUE BROYE

(71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).

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

(72, 75) SUZUKI, Yoshiki [JP/JP]; c/o Tokyo Head Office, Ube Industries, Ltd., 1-2-1, Shibaura, Minato-ku, Tokyo 105-8449 (JP). AKO, Tatsushi [JP/JP]; c/o Sakai Factory, Ube Industries, Ltd., 1, Chikko-Shinmachi 3-cho, Sakai-shi, Osaka 592-8543 (JP). TANAKA, Yukimasa [JP/JP]; c/o Sakai Factory, Ube Industries, Ltd., 1, Chikko-Shinmachi 3-cho, Sakai-shi, Osaka 592-8543 (JP). HINENOYA, Saburou [JP/JP]; c/o Sakai Factory, Ube Industries, Ltd., 1, Chikko-Shinmachi 3-cho, Sakai-shi, Osaka 592-8543 (JP). KITA, Yasuo [JP/JP]; c/o Sakai Factory, Ube Industries, Ltd., 1, Chikko-Shinmachi 3-cho, Sakai-shi, Osaka 592-8543 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/21, C09D 5/02, 7/12, 133/02

(11) WO 03/095532 (13) A1

(21) PCT/EP03/04646

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 21 010.1 11 May/mai 2002 DE
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AQUEOUS DISPERSION OF INORGANIC NANOPARTICLES, METHOD FOR THE PRODUCTION AND USE THEREOF

• DISPERSION AQUEUSE DE NANOPARTICULES ANORGANQUES, PROCEDE DE FABRICATION ET UTILISATION

(71) BASF COATINGS AG [DE/DE]; Glasuritstr. 1, 48165 Münster (DE).

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

(72, 75) BREMSER, Wolfgang [DE/DE]; Am Brook 10, 48165 Münster (DE). STÜBBE, Winfried [DE/DE]; Niendamm 9, 48268 Greven (DE). WESTHOFF, Elke [DE/DE]; Bismarckstr. 6, 48565 Steinfurt (DE). NIEMEIER, Manuela [DE/DE]; Dr.-Metzger-Weg 2, 48317 Dremstefurt (DE). POPPE, Andreas [DE/DE]; Scheibenstr. 84, 48153 Münster (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/10, B29B 13/00, B32B 27/00, B65D 1/00

(11) WO 03/095533 (13) A1

(21) PCT/JP03/05837

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135752 10 May/mai 2002 JP
(10.05.2002)(30) 2003-125360 30 Apr/avr 2003 JP
(30.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAST FILM, PROCESS FOR PRODUCTION THEREOF, AND BAGS MADE OF THE FILM

• FEUILLES COULEES, LEUR PROCEDE DE FABRICATION, ET SACS EN ETANT FAITS

(71) SUN ALLOMER LTD. [JP/JP]; 3-21, Kōraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).

(72) FUDABA, Tetsuya; c/o Sun Allomer Ltd., Oita Research Center, 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP). MITARAI, Nobuyuki; c/o Sun Allomer Ltd., Oita Research Center, 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP). TAGASHIRA, Katsuharu; c/o Sun Allomer Ltd., Oita Research Center, 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP). WATANABE, Kazuyuki; c/o Showa Denko Plastic, Products Co., Ltd., Oita Works, 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CN ID KR.

(51)⁷ C08J 5/18, C08L 23/16, 23/22

(11) WO 03/095534 (13) A1

(21) PCT/US03/08065

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/141,258 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLD SEAL RELEASE FILM WITH IMPROVED SCUFF RESISTANCE

• FILM ANTIADHERENT DE SOUDURE PAR PRESSION A FROID A RESISTANCE AUX ERAFLURES

(71) APPLIED EXTRUSION TECHNOLOGIES, INC. [US/US]; 15 Read's Way, New Castle, DE 19720 (US).

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

(72, 75) **LONGMOORE, Kenneth, J.** [US/US]; 408 Kinross Drive, Newark, DE 19711 (US).

(74) **FAIGUS, Martin, L.;** Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., Seven Penn Center, 1635 Market Street, 12th 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/04, C09D 5/00, C08J 5/12, B32B 7/12

(11) WO 03/095535 (13) A1

(21) PCT/US03/14112

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/379,335 9 May/mai 2002 US (09.05.2002)

(30) 10/430,243 5 May/mai 2003 US (05.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPOSITION FOR IMPROVING ADHESION OF BASE-RESISTANT FLUOROELASTOMERS TO METAL, CERAMIC OR GLASS SUBSTRATES

• COMPOSITION DESTINEES A AMELIORER L'ADHERENCE DE FLUOROELASTOMERES RESISTANTS AUX BASES A DES SUBSTRATS METALLIQUES, CERAMIQUES OU VITREUSES

(71) **DUPONT DOW ELASTOMERS L.L.C.** [US/US]; Bellevue Park Corporate Center, 300 Bellevue Parkway, Wilmington, DE 19809 (US).

(72) **FULLER, Robert, Earl;** 17 Brentwood Lane, Newark, DE 19711 (US).

(74) **KIRVAN, George, E.;** DuPont Dow Elastomers, L.L.C., Patent Records Center, 4417 Lancaster 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).

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)

(t) for all designations / pour toutes les désignations

(51)⁷ C08J 9/00, C08K 5/523, C08L 75/04

(11) WO 03/095536 (13) A2

(21) PCT/US03/14145

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,482 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYNERGISTIC FLAME RETARDANT BLENDS FOR POLYURETHANE FOAMS

• MELANGES DE PRODUITS IGNIFUGES SYNERGETIQUES DESTINES A DES MOUSSES POLYURETHANE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, P.O. Box 9300, 6800 SB Arnhem (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Barbara, A.** [US/US]; 790 Riverside Drive, New York, NY 10032 (US). **BRIGHT, Danielle, Angrand** [US/US]; 21 Zabela Drive, New City, NY 10956 (US). **PINZONI, Emanuel** [US/US]; 640 Lincoln Avenue, Hawthorne, NJ 07506 (US). **HALCHAK, Theodore** [US/US]; 112 Summit Avenue, Upper Montclair, NJ 07043 (US).

(74) **FENNELLY, Richard, P.;** Akzo Nobel Inc., Intellectual Property Department, 7 Livingstone Avenue, Dpbbs Ferry, NY 10522 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/00, B29C 44/20

(11) WO 03/095537 (13) A1

(21) PCT/US03/08576

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/319,234 7 May/mai 2002 US (07.05.2002)

(30) 10/199,188 19 Jul/juil 2002 US (19.07.2002)

(30) 10/199,217 19 Jul/juil 2002 US (19.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STRENGTHENED THERMOPLASTIC • THERMOPLASTIQUE RENFORCE

(71) **NIEN MADE ENTERPRISES CO., LTD** [—/—]; 19/F No. 236, Sec. 2, Wuchiuan West Road, Taiwan 408, Taichung (TW). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KING, Gordon** [US/US]; 1931 East Jacaranda Circle, Mesa, AZ 85203 (US).

(74) **VELLA, Anthony, G.** et al. / etc.; Sheldon & Mak, 9th Floor, 225 South Lake Avenue, Pasadena, CA 91101 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/08

(11) WO 03/095538 (13) A1

(21) PCT/US02/12289

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOFT CHEMICALLY FOAMED THERMOPLASTIC VULCANIZATE FOR SEALING APPLICATION BY ROBOTIC EXTRUSION

• VULCANISAT THERMOPLASTIQUE MOU A MOUSSAGE CHIMIQUE POUR APPLICATION D'ETANCHÉIFICATION PAR EXTRUSION ROBOTIQUE

(71) **ADVANCED ELASTOMER SYSTEMS, L.P.** [US/US]; 388 South Main Street, Akron, OH 44311-1065 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN MEESCHE, Antonius** [NL/BE]; 43, avenue Paul Terlinden, B-1330 Rixensart (BE). **PETERSON, Duane, E.** [US/US]; 304 Silver Ridge Drive, Copley, OH 44321 (US). **DE RIJCKE, Jenne** [BE/BE]; Korte Massemssesteenweg 13 Bus 1, B-9230 Wetteren (BE).

(74) **SKINNER, William, A.;** Advanced Elastomer Systems, L.P., 388 South Main Street, Akron, OH 44311-1065 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 C08J 9/16, 9/22, C08L 23/10, B60R 19/22

(11) WO 03/095539 (13) A1

(21) PCT/IP03/05794

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-137536 13 May/mai 2002 JP (13.05.2002)

(30) 2002-256785 2 Sep/sep 2002 JP (02.09.2002)

- (30) 2002-286899 **30 Sep/sep 2002** JP
(30.09.2002)
- (30) 2002-329886 **13 Nov/nov 2002** JP
(13.11.2002)
- (30) 2002-365619 **17 Dec/déc 2002** JP
(17.12.2002)
- (30) 2002-365604 **17 Dec/déc 2002** JP
(17.12.2002)
- (30) 2003-7497 **15 Jan/jan 2003** JP
(15.01.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • EXPANDABLE POLYPROPYLENE RESIN PARTICLE AND MOLDED OBJECT OBTAINED THEREFROM BY IN-MOLD MOLDING
- PARTICULE DE RESINE POLYPROPYLENE EXPANSIBLE ET OBJET MOULE OBTENU A PARTIR DE CETTE RESINE PAR MOULAGE DANS LE MOULE
- (71) JSP CORPORATION [JP/JP]; 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WADA, Toru [JP/JP]; c/o JSP CORPORATION YOKKAICHI RESEARCH CENTER, 653-2, Oaza Rokuromi, Yokkaichi-shi, Mie 510-0881 (JP).
- (74) TAKAHASHI, Yoshiyasu et al. / etc.; Meieki Nagata Building, 26-19, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
- (81) AU CN 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 C08J 9/236
- (11) WO 03/095540 (13) A1
- (21) PCT/EP03/02155
- (22) 3 Mar/mar 2003 (03.03.2003)
- (25) de (26) de
- (30) 102 20 896.4 **10 May/mai 2002** DE
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR THE PRODUCTION OF A FOAM MATERIAL PLASTIC MOULDED PART AND BINDING AGENTS THEREFOR
- PROCEDE DE REALISATION D'UNE PIECE EN MATERIAU EXPANSE ET LIANT UTILISE A CET EFFET
- (71) FAIST AUTOMOTIVE GMBH & CO. KG [DE/DE]; Michael-Faist-Strasse 11-15, 86381 Krumbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JECKLE, Erich [DE/DE]; Ortsstrasse 13a, 86476 Neuburg-Halbertshofen (DE). SCHWEIGGART, Franz [DE/DE]; Pfaffenhofer Strasse 4, 89284 Pfaffenhofen a.d.Roth (DE). PFAFFELHUBER, Klaus [DE/DE]; Enzianstrasse 11, 89312 Günzburg (DE).
- (74) MÜLLER, Hans-Jürgen; Müller, Schupfner & Gauger, Maximilianstrasse 6, 80539 München (DE).
- (81) JP KR 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C08J 11/08
- (11) WO 03/095541 (13) A1
- (21) PCT/JP02/12474
- (22) 29 Nov/nov 2002 (29.11.2002)
- (25) ja (26) ja
- (30) 2002-138966 **14 May/mai 2002** JP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SOLVENT FOR TREATING POLYSTYRENE RESIN AND METHOD OF TREATING POLYSTYRENE RESIN WITH THE SAME
- SOLVANT PERMETTANT DE TRAITER LA RESINE DE POLYSTYRENE ET PROCEDE DE TRAITEMENT DE LA RESINE DE POLYSTYRENE AU MOYEN DE CE SOLVANT
- (71, 72) HAMANO, Shigenobu [JP/JP]; 1-11, Sukematsu-cho 1-chome, Izumiotsu-shi, Osaka 595-0071 (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 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 SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08K 5/00, 5/13, C08L 23/00, 25/00, 27/00
- (11) WO 03/095542 (13) A1
- (21) PCT/US03/13730
- (22) 1 May/mai 2003 (01.05.2003)
- (25) en (26) en
- (30) 10/140,639 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OXYGEN-SCAVENGING POLYMER COMPOSITIONS
- COMPOSITIONS POLYMERES DE-SOXYGENANTES
- (71) TEKNOR APEX COMPANY [US/US]; 505 Central Avenue, Pawtucket, RI 02861-1900 (US).
- (72) BUONO, John A.; Teknor Apex Company, 505 Central Avenue, Pawtucket, RI 02861-1900 (US). WENG, Dexi; Teknor Apex Company, 505 Central Avenue, Pawtucket, RI 02861-1900 (US).
- (74) CHOW, Stephen, Y. et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, 30th floor, 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).
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- Published / Publiée : (c)
- (51)⁷ C08K 5/101
- (11) WO 03/095543 (13) A2
- (21) PCT/IB03/01908
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 10/145,366 **14 May/mai 2002** US
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • STABILIZER MIXTURES FOR THE PROTECTION OF POLYMER SUBSTRATES
- MELANGES STABILISATEURS UTILISES DANS LA PROTECTION DES SUBSTRATS POLYMERES
- (71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttentz 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AVAR, Lajos [CH/CH]; Bruggmatt 1, CH-4105 Biel-Benken (CH). GRONMAIER, Ernst [CH/CH]; Basclmattweg 103, CH-4123 Allschwil (CH). KRÖHNKE, Christoph [DE/DE]; Kleingasse 23, 79206 Breisach (DE). WEBSTER, Joseph, Reni [US/US]; 10705 Summit Tree Court, Charlotte, NC 28277 (US).
- (74) DÜNNWALD, Dieter; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttentz 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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08K 5/12
- (11) WO 03/095544 (13) A1
- (21) PCT/US03/13804

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,299 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BLENDS OF TETRAHALOPHTHALATE ESTERS AND PHOSPHORUS-CONTAINING FLAME RETARDANTS FOR POLYURETHANE COMPOSITIONS

• MELANGES D'ESTERS DE TETRAHALOPHTHALATE ET D'AGENTS IGNIFUGEANTS CONTENANT DU PHOSPHORE POUR DES COMPOSITIONS DE POLYURETHANNE

(71) PABU SERVICES, INC. [US/US]; 300 Delaware Avenue, Suite 1269, Wilmington, DE 19801 (US).

(72) BUSZARD, David; 373 Chester Road, Woodford, Cheshire SK7 1QQ (GB). PHILLIPS, Matthew, D.; 213 East Washington Street, Camden, IN 46917 (US). ROSE, Richard, S.; 5848 Lookout Drive, West Lafayette, IN 47906 (US). FALLOON, Stephen, B.; 4028 Penny Packers Mills Road, Lafayette, IN 47909 (US).

(74) LADD, Thomas, A.; Baker & Daniels, 300 North Meridian Street, Suite 2700, 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 C08K 5/14, 3/36, C08F 8/00

(11) WO 03/095545 (13) A1

(21) PCT/EP03/04577

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(30) 102 20 606.6 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PREPARATION FOR ORGANIC PEROXIDES

• PREPARATION DE PEROXYDES ORGANIQUES

(71) PEROXID-CHEMIE GMBH & CO. KG [DE/DE]; Dr.-Gustav-Adolph-Strasse 3, 82049 Pullach (DE).

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

(72, 75) KUNZ, Martin [DE/DE]; Dorfstrasse 5, 82544 Dettmhausen (DE). ZIMMERMANN, Heinz [DE/DE]; Weltstrasse 17, 81477 München (DE). ZEISS, Werner [DE/DE]; Am Anger 2A, 82547 Eurasburg (DE). KARNBROCK, Wilhelm [DE/DE]; Heimatshausenerstrasse 24, 82319 Starnberg (DE).

(74) HUBER, Bernhard 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 C08K 5/23, 5/45, C08L 67/00

(11) WO 03/095546 (13) A1

(21) PCT/US03/12996

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/140,700 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL SINGLE COMPOUND TONERS FOR USE IN POLYESTERS

• COMPOSES COLORANTS DESTINES A ETRE UTILISES DANS DES POLYESTERS

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) DANIELSON, Todd, D.; 129 Riveredge Drive, Moore, SC 29369 (US). SPRINKLE, Jason; 716 A. Alderwood Road, Woodruff, SC 29388 (US). CONNOR, Daniel; 111 Bentwood Drive, Inman, SC 29349 (US). HYDER, Donnie; 169 Lewis Burnett Drive, Boiling Springs, SC 29316 (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 US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095547 (13) A2

(21) PCT/EP03/04587

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 853.0 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUNCTIONALISED POLYHEDRAL OLIGOMER SILICON-OXYGEN CLUSTERS AS CROSS-LINKING AGENTS

• OLIGOMERES DE CLUSTER SILICIUM-OXYGENE POLYEDRIQUES FONCTIONNALISES UTILISES COMME RETICULANT

(71) CREAIVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).

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

(72, 75) KÜHNLE, Adolf [DE/DE]; Greifenberger Strasse 30, 45770 Marl (DE). JOST, Carsten [DE/DE]; Bebelstrasse 14 a, 45770 Marl (DE). ABBENHUIS, Hendrikus, Cornelis, Louis [NL/NL]; Het Puyven 49, NL-5672 RB Nuenen (NL).

(74) CREAIVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH; Paul-Baumann-Strasse 1, 45772 Marl (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 C08L 1/28, C08K 5/092, 5/05, A61K 9/48

(11) WO 03/095548 (13) A1

(21) PCT/GB03/01996

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210859.5 13 May/mai 2002 GB
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODIFIED POLYMERIC FILMS

• PELLICULES POLYMERES MODIFIEES

(71) BIOPROGRESS TECHNOLOGY INTERNATIONAL, INC. [US/US]; 9055 Huntcliff Trace, Atlanta, GA 30350 (US).

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

(72, 75) AYERS, Victoria, Jane [GB/GB]; 72 West End, March, Cambridgeshire PE15 8QD (GB). TECKOE, Jason [GB/GB]; 23 West End, Ely, Cambridgeshire CB6 3AY (GB). NOWAK, Edward, Zbygniew [GB/GB]; 4 Davey Close, Impington, Cambridge CB4 9YJ (GB).

(74) JONES, Simon, Francis; Bioprogress Technology Limited, Hostmoor Avenue, March Trading Estate, March, Cambridgeshire PE15 0AX (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 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
designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ C08L 9/02, 9/06, C08K 5/00, C08L 25/10,
25/12

(11) WO 03/095549 (13) A1

(21) PCT/EP03/04598

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 21 287.2 14 May/mai 2002 DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RUBBER MIXTURES CONTAINING
TERPOLYMERS

• MÉLANGES DE CAOUTCHOUCS
CONTENANT DES TERPOLYMÈRES

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RAWLINSON, Adrian [GB/DE];
Heinrich-Lübke-Str. 55, 51375 Lev-
erkusen (DE). ENGEHAUSEN, Rüdiger
[DE/DE]; Pommernallee 7, 41539 Dorma-
gen (DE). WENDLING, Peter [DE/DE];
Franz-Marc-Str. 9, 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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 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 21/00, C08K 5/10, 5/3492

(11) WO 03/095550 (13) A1

(21) PCT/US03/14411

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,229 9 May/mai 2002 US
(09.05.2002)

(30) 10/301,770 21 Nov/nov 2002 US
(21.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADHESION PROMOTER FOR
CORD-REINFORCED RUBBER
AND METAL OR POLYMER SUB-
STRATE/RUBBER COMPOSITES

• PROMOTEUR D'ADHESION POUR DU
CAOUTCHOUC RENFORCE PAR DES
CABLES, COMPOSITES DE CAOUT-
CHOUC/SUBSTRAT METALLIQUE OU
POLYMERES

(71) THE C.P. HALL COMPANY [US/US]; 311
South Wacker Drive, Suite 4700, Chicago, IL
60606-6622 (US).

(72) WENTWORTH, Gary; 5540 North
Wayne Avenue, Chicago, IL 60640 (US).
O'ROURKE, Stephen; 1847 Marne Road,
Bolingbrook, IL 60490 (US). STEFANISIN,
Kimberly; 4867 Wick Drive, Oak Lawn,
IL 60453 (US). ENGLISH, John; 11000 S.
Keeler, Oak Lawn, IL 60453 (US).

(74) ANDERSON, Richard, H.; Marshall, Ger-
stein & 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 23/10

(11) WO 03/095551 (13) A1

(21) PCT/JP03/05836

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135752 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYPROPYLENE RESIN COMPOSI-
TION

• COMPOSITION DE RESINES DE PO-
LYPROPYLENE

(71) SUN ALLOMER LTD. [JP/JP]; 3-21, Ko-
raku 2-chome, Bunkyo-ku, Tokyo 112-0004
(JP).

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

(72, 75) FUDABA, Tetsuya [JP/JP]; c/o Sun
Allomer Ltd., Oita Research Center, 2, Oaza
Nakanosu, Oita-shi, Oita 870-0189 (JP).
MITARAI, Nobuyuki [JP/JP]; c/o Sun Al-
lomer Ltd., Oita Research Center, 2, Oaza
Nakanosu, Oita-shi, Oita 870-0189 (JP).
TAGASHIRA, Katsuharu [JP/JP]; c/o Sun
Allomer Ltd., Oita Research Center, 2, Oaza
Nakanosu, Oita-shi, Oita 870-0189 (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 KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 27/18

(11) WO 03/095552 (13) A1

(21) PCT/US03/11904

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 10/142,350 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EPTFE-REINFORCED PERFLUOROEL-
ASTOMERS

• PERFLUOROELASTOMERES REN-
FORCES PAR EPTFE

(71) GORE ENTERPRISE HOLDINGS, INC.
[US/US]; 551 Paper Mill Road, P.O. Box
9206, Newark, DE 19714 (US).

(72) EGRES, Ronald, Gene; 12 Highland Circle,
Newark, DE 19713 (US). FARNSWORTH,
Ted, Ray; 628 North Pine Cliff Drive,
Flagstaff, AZ 86001 (US).

(74) BOLAND, Kevin, J. et al. / etc.; W.L. Gore
& Associates, Inc., 551 Paper Mill Road, P.O.
Box 9206, Newark, DE 19714 (US).

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

- 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).
-
- (51)⁷ C08L 31/04
- (11) WO 03/095553 (13) A1
- (21) PCT/JP03/05705
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-131680 7 May/mai 2002 JP (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NOVEL RAW MATERIAL COMPOSITION
• NOUVELLE COMPOSITION DE MATIERE PREMIERE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YONEYAMA, Aritoshi [JP/JP]; 106-1, Aza Moiwa, Taiki-cho, Hiroo-gun, Hokkaido 089-2112 (JP).
- (72, 75) OKAZAKI, Chizuko [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 7, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8567 (JP). MITA, Naoki [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 7, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8567 (JP). KANAI, Yutaka [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 7, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8567 (JP). OKAZAKI, Sachi [JP/JP]; 37-6, Nishi 21-jo Minami 4-chome, Obihiro-shi, Hokkaido 080-2471 (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 63/00, C08G 59/68, C08K 3/22, 3/26, C09J 163/00
- (11) WO 03/095554 (13) A1
- (21) PCT/JP03/05691
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-132883 8 May/mai 2002 JP (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PHOTO-INDUCED CATION CURABLE EPOXY RESIN COMPOSITION
• COMPOSITION DE RESINE EPOXYDE POLYMERISABLE PAR UN CATION PHOTO-INDUIT
- (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]; 9-19-1-236, Konandai, Konan-ku, Yokohama-shi, Kanagawa 234-0054 (JP). TERADA, Kazuyo [JP/JP]; 1-9-48-202, Mutsuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0031 (JP). CHEN, Chunfu [CN/JP]; 1-3-16-402, Kishiya, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0078 (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 MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 67/00
- (11) WO 03/095555 (13) A1
- (21) PCT/US03/15029
- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- (30) 60/380,341 13 May/mai 2002 US (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POLYESTER BLEND COMPOSITIONS AND BIODEGRADABLE FILMS PRODUCED THEREFROM
• COMPOSITIONS FAITES D'UN MELANGE DE POLYESTER ET FILMS BIODEGRADABLES OBTENUS A PARTIR DE CELLES-CI
- (71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) KAKU, Mureo; 2-40-7, Toyosatodai, Utsunomiya, Tochigi 320-0003 (JP). USHIYAMA, Akiko, Mizutani; 305 Kikuya Building, 2-10-13 Shukugo, Utsunomiya-shi, Tochigi 321-0945 (JP). HAYES, Richard,

- Allen; 6309 Milbrook Boulevard, Brentwood, TN 37027-4964 (US). SCHNEIDER, Jennifer, M.; 607 Ridgeview Road, Hockessin, DE 19707 (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).
-
- (51)⁷ C08L 67/04, C08K 5/20
- (11) WO 03/095556 (13) A1
- (21) PCT/JP03/05697
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-134253 9 May/mai 2002 JP (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RESIN COMPOSITION
• COMPOSITION DE RESINE
- (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) SATO, Noritaka [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NOGUCHI, Tsutomu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MORI, Hiroyuki [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).
- Published / Publiée : (a)
-
- (51)⁷ C08L 69/00, C08K 5/103
- (11) WO 03/095557 (13) A1
- (21) PCT/JP03/05591
- (22) 1 May/mai 2003 (01.05.2003)
- (25) ja (26) ja
- (30) 2002-132434 8 May/mai 2002 JP (08.05.2002)
- (30) 2002-187962 27 Jun/juin 2002 JP (27.06.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POLYCARBONATE RESIN COMPOSITION, PELLET THEREOF, AND MOLDED ARTICLE THEREOF
• COMPOSITION DE RESINE POLYCARBONATE, GRANULE FABRIQUE A PARTIR DE CETTE COMPOSITION ET ARTICLE MOULE ASSOCIE
- (71) TEIJIN CHEMICALS, LTD. [JP/JP]; 2-2, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOGA, Takashi [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). TAKEO, Mitsuhiro [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). TAKAHASHI, Daisuke [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 69/00
- (11) WO 03/095558 (13) A1
- (21) PCT/NL03/00309
- (22) 25 Apr/avr 2003 (25.04.2003)
- (25) en (26) en
- (30) 1020568 8 May/mai 2002 NL (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • GLASS FIBRE REINFORCED POLYCARBONATE COMPOSITION MET IMPROVED TOUGHNESS
• COMPOSITION DE POLYCARBONATE RENFORCE PAR FIBRES DE VERRE, A TENACITE RENFORCEE
- (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 HARTINGSVELDT, Edwin, Adriaan, Andre [NL/NL]; Aylvalaan 28, NL-6212 BC Maastricht (NL). BOS, Martinus, Louis, Maria [NL/NL]; Koningstraat 93, NL-6121 HS Born (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).
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- (51)⁷ C08L 83/04, 83/10, A61K 7/16
- (11) WO 03/095559 (13) A1
- (21) PCT/US03/14696
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/378,997 9 May/mai 2002 US (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPOSITIONS COMPRISING ANIONIC FUNCTIONALIZED POLYORGANOSILOXANES FOR HYDROPHOBICALLY MODIFYING SURFACES AND ENHANCING DELIVERY OF ACTIVE AGENTS TO SURFACES TREATED THEREWITH
• COMPOSITIONS COMPRENANT DES POLYORGANOSILOXANES FONCTIONNALISES ANIONIQUES AFIN DE MODIFIER DES SURFACES SUR LE PLAN HYDROPHOBE ET D'AMELIORER L'APPORT D'AGENTS ACTIFS AUX SURFACES TRAITEES A L'AIDE DE CES COMPOSITIONS
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) MAJETI, Satyanarayana; 8305 Cherry Laurel Drive, Middletown, OH 45044 (US). RENO, Elizabeth, Ann, Brown; 5553 Venus Lane, Fairfield, OH 45014 (US). KOVACS, Stephen, Andras; 112 Ravinewood Terrace, Loveland, OH 45140 (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 C08L 83/05, C08J 5/18, H05K 9/00, C08L 83/07
- (11) WO 03/095560 (13) A1
- (21) PCT/JP03/06031
- (22) 14 May/mai 2003 (14.05.2003)
- (25) ja (26) ja
- (30) 2002-138719 14 May/mai 2002 JP (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CURABLE SILICONE COMPOSITION FOR THE PRODUCTION OF COMPOSITE SOFT MAGNETIC MATERIALS, AND COMPOSITE SOFT MAGNETIC MATERIALS
• COMPOSITION AU SILICIUM POUVANT ETRE SOUMISE A TRAITEMENT, POUR LA PRODUCTION DE MATERIAUX MAGNETIQUES COMPOSITES MOUS, ET MATERIAUX MAGNETIQUES COMPOSITES MOUS
- (71) DOW CORNING TORAY SILICONE CO., LTD. [JP/JP]; 1-3, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEKIBA, Kazuhiro [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaikan, Ichihara-shi, Chiba 299-0108 (JP). TANAKA, Takashi [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). SASAKI, Hisanori [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). TAKAHASHI, Hideomi [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (74) KUBOTA, Yoshitaka; c/o Chiba Office, ASA International Patent Firm, 1-43-27, Satsukigaoka, Hanamigawa-ku, Chiba-shi, Chiba 262-0014 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 101/00, C08K 3/38, C08J 5/18, 7/04
- (11) WO 03/095561 (13) A1
- (21) PCT/JP03/05673
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-136457 13 May/mai 2002 JP (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • HEAT RAY SHIELDING SHEET MATERIAL AND LIQUID ADDITIVE FOR USE IN PRODUCING THE SAME

• MATERIAU EN FEUILLE DE PROTECTION CONTRE LES RAYONS THERMIQUES ET ADDITIF LIQUIDE UTILISE POUR PRODUIRE CELUI-CI

- (71) SUMITOMO METAL MINING CO., LTD. [JP/JP]; 11-3, Shimbashi 5-chome, Minato-ku, Tokyo 105-8716 (JP).

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

- (72, 75) FUJITA, Kennichi [JP/JP]; C/O Central Research Laboratory of Sumitomo Metal Mining Co., Ltd., 18-5, Nakakobun 3-chome, Ichikawa-shi, Chiba 272-0835 (JP).

- (74) ANIYA, Setuo et al. / etc.; 21 Towa Bldg. 3F, 4-6-1, Idabashi, 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 C09B 31/28, C09D 11/02

(11) WO 03/095562 (13) A1

(21) PCT/GB03/01981

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210824.9 11 May/mai 2002 GB (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • TRISAZO DYES FOR INK JET PRINTING

• COLORANTS TRISAZOÏQUES POUR L'IMPRESSION PAR JET D'ENCRE

- (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) MISTRY, Prahalad, Manibhai [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). BRADBURY, Roy [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

- (74) MAYALL, John et al. / etc.; AVECIA Limited, Intellectual Property Group, 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 C09B 31/28, C09D 11/02

(11) WO 03/095563 (13) A1

(21) PCT/GB03/02007

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210824.9 11 May/mai 2002 GB (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • TRISAZO DYES FOR INK JET PRINTING

• COLORANTS TRIS-AZO POUR IMPRESSION A JET D'ENCRE

- (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) MISTRY, Prahalad, Manibhai [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). BRADBURY, Roy [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

- (74) MAYALL, John; AVECIA Limited, Intellectual Property Group, PO 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 C09C 1/00

(11) WO 03/095564 (13) A1

(21) PCT/EP03/04798

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 21 497.2 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • GONIOCHROMATIC BRIGHT PIGMENTS

• PIGMENTS BRILLANTS GONIOCHROMATIQUES

- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

- (72, 75) SEEGER, Oliver [DE/DE]; Otto-Beck-Str. 28, 68165 Mannheim (DE). MRONGA, Norbert [DE/DE]; Ringstr. 2, 69221 Dossenheim (DE). HENNING, Rainer [DE/DE];

Dr. Kausch-Str. 27, 67251 Freinsheim (DE). SCHMID, Raimund [DE/DE]; Am Stecken 14b, 67435 Neustadt (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).

(51)⁷ C09C 1/56, 1/48

(11) WO 03/095565 (13) A1

(21) PCT/US03/14003

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,014 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROCESS FOR PREPARING MODIFIED PIGMENTS

• PROCEDE POUR PREPARER DES PIGMENTS MODIFIES

- (71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

- (72) ADAMS, Curtis, E.; 11 Lovell Road, Watertown, MA 02472 (US). GAMBALE, Ronald, J.; 1-C Traverse Street, Wakefield, MA 01880 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00, B05D 5/06, 7/00

(11) WO 03/095566 (13) A1

(21) PCT/EP03/04392

(22) 28 Apr/avr 2003 (28.04.2003)

(25) de (26) de

(30) 102 20 414.4 8 May/mai 2002 DE (08.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR OVERPAINTING CHROMOPHORE AND/OR EFFECT-PRODUCING MULTI-LAYER PAINTS
• PROCEDE POUR RECOUVRIER DES PEINTURES MULTICOUCHES DE CO-LORATION ET/OU A EFFET
- (71) BASF COATINGS AG [DE/DE]; Glasurit-str. 1, 48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RÜTHER, Andreas [DE/DE]; An der Windmühle 13, 48308 Senden (DE).
LOEWE, Anja [DE/DE]; Bielesch 54, 48165 Münster (DE).
- (74) FITZNER, Uwe; Lintorfer Str. 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 7/00
- (11) WO 03/095567 (13) A1
- (21) PCT/EP03/04767
- (22) 7 May/mai 2003 (07.05.2003)
- (25) de (26) de
- (30) 102 21 009.8 11 May/mai 2002 DE (11.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COATINGS, METHODS FOR PRODUCING THE SAME, AND THE USE THEREOF
• REVETEMENTS, PROCEDES DE REALISATION ET UTILISATION ASSO-CIES
- (71) BASF COATINGS AG [DE/DE]; Glasurit-str. 1, 48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIEMEIER, Manuela [DE/DE]; Dr.-Metzger-Weg 2, 48317 Drensteinfurt (DE). POPPE, Andreas [DE/DE]; Scheiben-str. 84, 48153 Münster (DE). STÜBBE, Wilfried [DE/DE]; Niendamm 6, 48268 Greven (DE). WESTHOFF, Elke [DE/DE]; Karl-Wagenfeld-Strasse 8, 48565 Steinfurt (DE).
- (74) FITZNER, Uwe; Lintorfer Str. 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 11/00, C09C 1/48
- (11) WO 03/095568 (13) A1
- (21) PCT/US03/14647
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 10/142,596 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MODIFIED PIGMENTS, PROCESS FOR PREPARING MODIFIED PIGMENTS AND INK COMPOSITIONS CONTAINING THEM
• PIGMENTS MODIFIES, PROCEDE DE PREPARATION DE PIGMENTS MODIFIES ET COMPOSITIONS D'ENCRE CONTENANT CEUX-CI
- (71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).
- (72) PALUMBO, Paul, S.; 271 Cherry Street, West Newton, MA 02165 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 17/00, B01F 17/00, B05D 5/12, C03C 17/25
- (11) WO 03/095570 (13) A1
- (21) PCT/EP02/05255
- (22) 13 May/mai 2002 (13.05.2002)
- (25) de (26) de
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND COMPOSITION FOR COATING SURFACES
• PROCEDE ET COMPOSITION POUR RECOUVRIER DES SURFACES
- (71) NANO GATE TECHNOLOGIES GMBH [DE/DE]; Eschberger Weg 18, 66121 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NASS, Rüdiger [DE/DE]; Normandiering 12, 66292 Riegelsberg (DE). BURGARD, Detlef [DE/DE]; Parkhausweg 1, 66333 Völklingen (DE).
- (74) PIETRUK, Claus, Peter; Heinrich-Lilienfein-Weg 5, 76229 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 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).

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 C09D 133/00, 133/04, 125/02

(11) WO 03/095571 (13) A1

(21) PCT/EP03/04645

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 21 007.1 11 May/mai 2002 DE (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AQUEOUS DISPERSION OF INORGANIC NANOPARTICLES, METHOD FOR THE PRODUCTION AND USE THEREOF

• DISPERSION AQUEUSE DE NANOPARTICULES ANORGANQUES, PROCEDE DE FABRICATION ET UTILISATION

(71) BASF COATINGS AG [DE/DE]; Glasurit-str. 1, 48165 Münster (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STÜBBE, Wilfried [DE/DE]; Nien-damm 9, 48268 Greven (DE). POPPE, Andreas [DE/DE]; Scheibenstr. 84, 48153 Münster (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 163/00, 7/12, 5/08

(11) WO 03/095572 (13) A1

(21) PCT/JP03/05810

(22) 9 May/mai 2003 (09.05.2003)

(25) ja

(30) 2002/137736 13 May/mai 2002 JP (13.05.2002)

(30) 2002/357247 9 Dec/déc 2002 JP (09.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COATING COMPOSITION FOR TENDON FOR PRESTRESSED CONCRETE

• COMPOSITION DE REVETEMENT D'ARMATURE POUR BETON PRE-CONTRAINTE

(71) SHINKO WIRE CO., LTD. [JP/JP]; 10-1, Nakahamacho, Amagasaki-shi, Hyogo 660-0091 (JP).

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

(72, 75) HIRATA, Seichiro [JP/JP]; c/o Shinko Wire Co., Ltd., 10-1, Nakahamacho, Amagasaki-shi, Hyogo 660-0091 (JP). SHIRAHAMA, Shoji [JP/JP]; c/o Shinko Wire Co., Ltd., 10-1, Nakahamacho, Amagasaki-shi, Hyogo 660-0091 (JP). KOBAYASHI, Toshio [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). AOYAMA, Ichirou [JP/JP]; 434, Noba-cho, Konan-ku, Yokohama-shi, Kanagawa 234-0056 (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) 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 C09D 167/02 // (C09D 167/02, 133:00, 151:00, 171:00)

(11) WO 03/095573 (13) A1

(21) PCT/US03/14220

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,737 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NON-YELLOWING POLYESTER COATING COMPOSITION

• COMPOSITION DE REVETEMENT DE POLYESTER NON JAUNISSANTE

(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) CHINN, Mitchell, S. [US/US]; 5927 Cliffside Drive, Troy, MI 48085 (US). YUAN, San, C. [US/US]; 8360 Woodspur Drive, Commerce Township, MI 48382 (US).

(74) BENJAMIN, Steven, C.; E.I. Dupont 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

(26) ja

13 May/mai 2002 JP (13.05.2002)

9 Dec/déc 2002 JP (09.12.2002)

(20.11.2003)

FOR TENDON FOR PRESTRESSED CONCRETE

DE REVETEMENT D'ARMATURE POUR BETON PRE-CONTRAINTE

[JP/JP]; 10-1, Nakahamacho, Amagasaki-shi, Hyogo 660-0091 (JP).

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et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

CN US.

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

(C09D 167/02, 133:00, 151:00, 171:00)

(13) A1

(05.05.2003)

(26) en

US (08.05.2002)

(20.11.2003)

POLYESTER COATING COMPOSITION

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E.I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 179/08, C08G 73/10, C08J 3/215

(11) WO 03/095574 (13) A1

(21) PCT/US03/14452

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,311 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYIMIDE COATED POLYMERIC PARTICLES

• PARTICLES DE POLYMER ENROBÉES DE POLYIMIDE

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(72) KRIZAN, Timothy, D.; 2613 Pennington Drive, Wilmington, DE 19810 (US). SCHMECKPEPER, Mark, R.; 718 Garden Drive, Kennett Square, PA 19348 (US).

(74) FAIR, Tamera, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 4/06, C08F 287/00

(11) WO 03/095575 (13) A2

(21) PCT/US03/12297

(22) 22 Apr/avr 2003 (22.04.2003)

- (25) en (26) en
- (30) 10/140,554 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHACRYLATE STRUCTURAL ADHESIVE
• ADHESIF STRUCTUREL DE METHACRYLATE
- (71) **SIKA TECHNOLOGY AG** [CH/CH]; Zugerstrasse 50, 6340 Barr (CH).
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- (72, 75) **WEN, Weijan** [US/US]; 24388 Nantucket Drive, Novi, MI 48374 (US). **GHAZI, Shahid** [US/US]; 27275 Gateway Drive, N#205, Farmington Hills, MI 48334 (US). **ZHANG, Jane** [US/US]; 2054 Tuscany, Troy, MI 48098 (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 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 C09J 7/02, 5/08, C08J 9/22, 9/00
- (11) **WO 03/095576** (13) A1
- (21) PCT/EP03/04319
- (22) **25 Apr/avr 2003 (25.04.2003)**
- (25) de (26) de
- (30) 102 21 092.6 **11 May/mai 2002** DE
(11.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FOAMED CONTACT ADHESIVES
• ADHESIFS DE CONTACT MOUSSES
- (71) **TESA AG** [DE/DE]; Quickbornstrasse 24, 20253 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZÖLLNER, Stephan** [DE/DE]; Osterkamp 11, 22043 Hamburg (DE). **HUSEMANN, Marc** [DE/DE]; Strehlowweg 48, 22605 Hamburg (DE).
- (74) **TESA AG**; Quickbornstrasse 24, 20253 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 C09J 7/02, B65H 35/00, 37/00, B29C 69/00, 63/00 // B60J 10/02
- (11) **WO 03/095577** (13) A1
- (21) PCT/FR03/01398
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) fr (26) fr
- (30) 02/05734 **7 May/mai 2002** FR
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AUTOMATED METHOD OF PREPARING AND PRODUCING PULL TABS AND A PROTECTIVE FILM AND AN EXTRUDED SECTION HAVING A PROTECTIVE FILM COMPRISING PULL TABS OF SAID TYPE
• PROCEDE AUTOMATISE DE POSE ET DE CONFECTION DE LANGUETTES DE PREHENSION ET PELLICULE DE PROTECTION AINSI QUE PRO-FILE EXTRUDE COMPORTANT UNE PELLICULE DE PROTECTION COM-PORTANT DES LANGUETTES DE CE TYPE
- (71) **REHAU SA** [FR/FR]; Place Cisse, F-57340 Morhange (FR).
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- (72, 75) **PENNERATH, Eddy** [FR/FR]; 9, rue des Bleuets, F-57450 Henriville (FR).
- (74) **METZ, Paul**; Cabinet Metz Patni, B.P. 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 MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 C09J 7/02, C08F 220/12, C08J 3/28
- (11) **WO 03/095578** (13) A1
- (21) PCT/US03/12236
- (22) **21 Apr/avr 2003 (21.04.2003)**
- (25) en (26) en
- (30) 2002-135660 **10 May/mai 2002** JP
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ACRYLIC RELEASE AGENT PRECURSOR, RELEASE AGENT ARTICLE, AND PROCESS FOR PRODUCING RELEASE AGENT ARTICLE
• PRECURSEUR D'AGENT DE LIBERATION ACRYLIQUE, ARTICLE A AGENT DE LIBERATION ET PRO-CEDE DE PRODUCTION D'ARTICLE A AGENT DE LIBERATION
- (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) **SUWA, Toshihiro** [JP/JP]; 14-14-305, Nishi-Hashimoto 2-chome, Sagami-hara-city, Kanagawa 229-1131 (JP).
- (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) 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).
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- (51)⁷ C09J 11/00, 201/00, 5/00, 7/00, H01L 21/304, 21/301
- (11) **WO 03/095579** (13) A1
- (21) PCT/JP03/05899
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) ja (26) ja
- (30) 2002-136995 **13 May/mai 2002** JP
(13.05.2002)
- (30) 2002-157059 **30 May/mai 2002** JP
(30.05.2002)
- (30) 2002-157060 **30 May/mai 2002** JP
(30.05.2002)
- (30) 2002-235607 **13 Aug/août 2002** JP
(13.08.2002)
- (30) 2002-282307 **27 Sep/sep 2002** JP
(27.09.2002)
- (30) 2003-59542 **6 Mar/mar 2003** JP
(06.03.2003)
- (30) 2003-61792 **7 Mar/mar 2003** JP
(07.03.2003)
- (30) 2003-61793 **7 Mar/mar 2003** JP
(07.03.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPOSITION AND METHOD FOR TEMPORARILY FIXING SOLID
• COMPOSITION ET PROCEDE POUR LA FIXATION TEMPORAIRE DE SOLIDES
- (71) **JSR CORPORATION** [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOKOYAMA, Yasuaki** [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). **BESSHO, Nobuo** [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). **HANAMURA, Masaaki** [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP).
- (74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C09J 103/02, 5/00
(11) WO 03/095580 (13) A1
(21) PCT/US03/14651
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
(30) 10/143,332 10 May/mai 2002 US
(10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • WATER BASED ADHESIVE COMPOSITION COMPRISING A SURFACTANT AND A POLYSACCHARIDE
• COMPOSITION ADHESIVE A BASE D'EAU COMPRENANT UN TENSIO-ACTIF ET UN POLYSACCHARIDE
(71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; 1000 Uniquest Boulevard, New Castle, DE 19720 (US).
(72) FIGIEL, Edmund, W.; 136 Manners Road, Ringoes, NJ 08551-1716 (US). ALLEN, Melissa; 293-3B Gemini Drive, Hillsborough, NJ 08844 (US). PIERCE, Peter, D.; 109 Walker Road, Washington Crossing, PA (US). THOMPSON, Christina, L.; Apt. 18G, 999 Hidden Lake Drive, North Brunswick, NJ 08902 (US).
(74) FOULKE, Cynthia, L. et al. / etc.; National Starch and Chemical Company, P.O. Box 6500, Bridgewater, NJ 08807 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 175/04, C08G 18/12, 18/48, C08F 283/00, C08G 18/66, C08L 51/00, A61K 6/09, C08F 290/14, C09J 151/00, C08F 265/04, C08G 18/08, 18/67, 18/10, 18/40, 18/76
(11) WO 03/095581 (13) A1
(21) PCT/US03/00023
(22) 14 Jan/jan 2003 (14.01.2003)
(25) en (26) en
(30) 10/142,564 8 May/mai 2002 US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
(54) • FLUORINATED ACTIVATOR
• ACTIVATEUR FLUORE
(71) PRC-DESOTO INTERNATIONAL, INC. [US/US]; 5430 San Fernando Road, Glendale, CA 91209 (US).
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(72, 75) SAWANT, Suresh [US/US]; 26710 West Wyatt Lane, Stevenson ranch, CA 91381 (US). MORKUNAS, Bernard [US/US]; 3208 Indian Mesa Drive, Thousand Oaks, CA 91360 (US).
(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabown, Garrett & Dunner, LLP, 1300 I Street, NW, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09K 3/00, H01M 14/00, H01L 31/04
(11) WO 03/095582 (13) A1
(21) PCT/JP03/04914
(22) 17 Apr/avr 2003 (17.04.2003)
(25) ja (26) ja
(30) 2002-131521 7 May/mai 2002 JP
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • PHOTSENSITIZING COMPOSITION
• COMPOSITION DE PHOTSENSIBILISATION
(71) KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OHTAKA, Hideo [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). YANO, Kentaro [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). MITEKURA, Hirofumi [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). MATSUI, Fumio [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (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 C09K 3/00, A61K 7/00, 7/06, 7/13, 7/48
(11) WO 03/095583 (13) A1
(21) PCT/JP03/05863
(22) 12 May/mai 2003 (12.05.2003)
(25) ja (26) ja
(30) 2002-138533 14 May/mai 2002 JP
(14.05.2002)
(30) 2002-209587 18 Jul/juil 2002 JP
(18.07.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • THICKENER, COSMETIC PREPARATION CONTAINING THE SAME, AND PROCESS FOR PRODUCING THE SAME
• AGENT EPAISSISSANT, PREPARATION COSMETIQUE EN CONTENANT, ET SON PROCÉDE DE PRODUCTION
(71) SHISEIDO COMPANY, LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KANEDA, Isamu [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). YANAKI, Toshio [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).
(74) TAKANO, Toshihiko et al. / etc.; c/o TAKANO & CO., 32-802, Kitamachi, Shinjuku-ku, Tokyo 162-0834 (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 C09K 5/06, C04B 22/08, 40/00
(11) WO 03/095584 (13) A1
(21) PCT/EP03/04009
(22) 16 Apr/avr 2003 (16.04.2003)
(25) de (26) de
(30) 102 20 516.7 8 May/mai 2002 DE
(08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • HEAT-STORAGE MEANS
• AGENT POUR LE STOCKAGE DE CHALEUR II
(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) GLAUSCH, Ralf [DE/DE]; Allee 22a, 64367 Mühlthal (DE). NEUSCHÜTZ, Mark [DE/DE]; Bruchwiesenstrasse 18, 64285 Darmstadt (DE). VOIGT, Wolfgang [DE/DE]; Am Wäldchen 1, 09600 Weissenborn (DE). RUDOLPH, Carsten [DE/DE]; Paul-Müller-Strasse 19, 09599 Freiberg (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 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 C09K 5/10, C07C 211/14, 211/09, 215/06

(11) WO 03/095585 (13) A1

(21) PCT/GB03/01916

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,390 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEAT EXCHANGE FLUIDS

• FLUIDES DE TRANSFERT DE CHALEUR

(71) CLEARWATER INTERNATIONAL, LLC [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) SMITH, Kevin, W.; 6505 Rutgers Street, Houston, TX 77027 (US). GATLIN, Larry, W.; 9542 FM 1303, Floresville, TX 78112 (US). HALLMAN, John, Henry; 8294 Bilnoski Road, Willis, TX 77378 (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 UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095586 (13) A1

(21) PCT/GB03/01991

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PCT/GB02/02167 10 May/mai 2002 GB (10.05.2002)

(30) PCT/GB02/02179 10 May/mai 2002 GB (10.05.2002)

(30) 0226937.1 19 Nov/nov 2002 GB (19.11.2002)

(30) 0306410.2 20 Mar/mar 2003 GB (20.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYMERS THEIR PREPARATION AND USES

• POLYMERES, LEUR PREPARATION ET LEURS UTILISATIONS

(71) CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; IP Department, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).

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(74) GILANI, Anwar; Representative - Registration No. 45072, Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (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 C09K 11/06, H05B 33/14

(11) WO 03/095587 (13) A1

(21) PCT/JP03/05601

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 2002-134098 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHT EMITTING DEVICE AND DISPLAY APPARATUS USING SAME

• DISPOSITIF EMETTEUR DE RAYONNEMENT LUMINEUX ET APPAREIL D'AFFICHAGE UTILISANT CE DISPOSITIF

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

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(72, 75) TSUBOYAMA, Akira [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). OKADA, Shinjiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). TAKIGUCHI, Takao [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). IGAWA, Satoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). KAMATANI, Jun [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). IWAWAKI, Hironobu [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).

(51)⁷ C09K 11/08, 11/77

(11) WO 03/095588 (13) A1

(21) PCT/IB03/01657

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 102 20 292.3 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF MANUFACTURING A LUMINESCENT MATERIAL

• PROCEDE DE FABRICATION D'UN MATERIAU LUMINESCENT

(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) SCHMIDT, Peter [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). JÜSTEL, Thomas [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). RONDA, Cornelis, Reinder [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). WIECHERT, Detlef, Uwe [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 C09K 17/10 // E01C 3/04, 7/10, E02D 17/18, 17/20, C09K 103:00

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(21) PCT/JP02/13702

(22) 26 Dec/déc 2002 (26.12.2002)

(25) ja (26) ja

(30) 2002-138215 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MATERIAL FOR CIVIL ENGINEERING WORK AND ITS EXECUTION METHOD

• MATERIAU POUR TRAVAUX DE GENIE CIVIL ET LEUR PROCEDE D'EXECUTION

(71, 72) HOSOOKA, Toshio [JP/JP]; 5-2-916, Satsukidaira 1-chome, Misato-shi, Saitama 341-0021 (JP).

(74) KOSUGI, Yoshio et al. / etc.; KOSUGI & YAMADA, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-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 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 C10G 9/20

(11) WO 03/095590 (13) A1

(21) PCT/US03/14346

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,307 7 May/mai 2002 US (07.05.2002)

(30) 10/211,226 2 Aug/août 2002 US (02.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED CRACKING OF HYDROCARBONS

• CRAQUAGE AMELIORE DES HYDROCARBURES

(71) WESTLAKE TECHNOLOGY CORPORATION [US/US]; 2801 Post Oak Boulevard, Houston, TX 77056 (US).

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(72, 75) KIVLEN, John, A. [US/US]; 42 Monastery Road, Savannah, GA 31411 (US).

(74) BROWN, Kimberly, L.; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/00, 11/02, C23F 1/02, C09K 11/07, H01L 21/306, 21/84, B05D 5/12, 3/06

(11) WO 03/095591 (13) A1

(21) PCT/US03/14130

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED DOPING

• DOPAGE ASSISTE PAR PLASMA

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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(72, 75) KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farrahaw, 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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(51)⁷ C10K 3/04, B01J 23/96

(11) WO 03/095592 (13) A1

(21) PCT/US03/14241

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,671 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR CATALYTIC SELECTIVE OXIDATION OF CARBON MONOXIDE IN A HYDROGEN-CONTAINING STREAM AND CATALYST REGENERATION

• PROCEDE D'OXYDATION CATALYTIQUE SELECTIVE DE MONOXYDE DE CARBONE DANS UN FLUX CONTENANT DE L'HYDROGENE ET DE REGENERATION DU CATALYSEUR

(71) UOP LLC [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(71, 72) BLOMMEL, Paul, G. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). STIPPICH, Kenneth, J. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). VANDEN BUSSCHE, Kurt, M. [BE/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). HARNESS, John, R. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). TOWLER, Gavin, P. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). SIOUI, Daniel, R. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). ABDO, Suheil, F. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(74) UOP LLC; John G. Tolomei, Asst. Secretary-Patent Matters, 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).

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(51)⁷ C10L 1/22, 1/14, 10/00

(11) WO 03/095593 (13) A1

(21) PCT/FR03/01374

(22) 2 May/mai 2003 (02.05.2003)

(25) fr (26) fr

(30) 02/05596 3 May/mai 2002 FR (03.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADDITIVE FOR IMPROVING THE THERMAL STABILITY OF HYDRO-CARBON COMPOSITIONS

• ADDITIF POUR AMELIORER LA STABILITE THERMIQUE DE COMPOSITIONS D'HYDROCARBURES

(71) TOTALFINAELF FRANCE [FR/FR]; 24, cours Michelet, F-92800 Puteaux (FR).
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(72, 75) EYDOUX, Franck [FR/FR]; Le Planil, 80, route de Crémère, F-69440 Saint Laurent D'Agny (FR). BERNASCONI, Christian [FR/FR]; 168, chemin du Bois Comtal, F-69390 Charly (FR). VUILLET, Céline [FR/FR]; 18, rue Chef de Caux, F-76310 Sainte-Adresse (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).

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Declaration / Déclaration :

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(51)⁷ C10L 3/10, B01J 20/02, 20/12

(11) WO 03/095594 (13) A1

(21) PCT/NL03/00341

(22) 8 May/mai 2003 (08.05.2003)

(25) nl (26) en

(30) 1020554 8 May/mai 2002 NL (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DESULPHURISATION OF NATURAL GAS

• PROCEDE DE DESULFURATION D'UN GAZ NATUREL

(71) STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND [NL/NL]; Westerdinweg 3, NL-1755 LE Petten (NL).
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(72, 75) DE WILD, Paulus, Johannes [NL/NL]; Leeststraat 13, NL-1825 JL Alkmaar (NL).

(74) VAN WESTENBRUGGE, Andries et al. / etc.; 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 C10M 141/12 // (C10M 141/12, 133:56, 159:16, 159:20, 159:24, 159:22, 125:24, 137:02, 137:04), C10N 40:04, 60:14

(11) WO 03/095595 (13) A1

(21) PCT/US03/14354

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,023 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTINUOUSLY VARIABLE TRANSMISSION FLUIDS COMPRISING A COMBINATION OF CALCIUM- AND MAGNESIUM-OVERBASED DETERGENTS

• FLUIDES DE TRANSMISSION VARIABLE CONTINUUE COMPRENANT UNE COMBINAISON DE DETERGENTS SURBASQUES CONTENANT DU CALCIUM ET DU MAGNESIUM

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).
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(72, 75) WARD, William, C., Jr. [US/US]; 4600 Bridgewater Avenue, Perry, OH 44081 (US). CERDA DE GROOTE, Carlos, L. [US/US];

1446 Grade Avenue, Lakewood, OH 44107 (US). IKEDA, Masahiko, [JP/JP]; 51-2, Kumano, Taketoyo-cho, Chita-gun, Aichi 470-2504 (JP). VERMILYA, Denise, R. [US/US]; 4385 Casa Bella Drive, Perry, OH 44081 (US).

(74) SHOLD, David, M. et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

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

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

(51)⁷ C11C 1/04, C07C 51/09, C12P 7/40

(11) WO 03/095596 (13) A1

(21) PCT/EP03/04440

(22) 29 Apr/avr 2003 (29.04.2003)

(25) de (26) de

(30) 102 20 525.6 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING C₄-C₁₂ FATTY ACIDS

• PROCEDE DE PRODUCTION D'ACIDES GRAS C<SB>4</SB>-C<SB>12</SB>

(71) COGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).
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(72, 75) FIEG, Georg [DE/DE]; Löffelbeckweg 19, 40822 Mettmann (DE). SCHÖRKEN, Ulrich [DE/DE]; Pascalstr. 16, 40591 Düsseldorf (DE). BOTH, Sabine [DE/DE]; Neustädterweg 23, 40229 Düsseldorf (DE). MROZEK, Ingomar [DE/DE]; Chamissostrasse 3, 40237 Düsseldorf (DE). KLEIN, Norbert [DE/DE]; Römerstrasse 1H, 40822 Mettmann (DE). WEISS, Albrecht [DE/DE]; Forellenweg 37, 40764 Langenfeld (DE). YÜKSEL, Levent [DE/DE]; Marbacher Strasse 11, 40597 Düsseldorf (DE). OTTO, Ralf [DE/DE]; Lerchenweg 11, 88422 Oggelshausen (DE). MEYER, Carolin [DE/DE]; Am Trippelsberg 210, 40589 Düsseldorf (DE).

(81) AU BR CA CN 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)

(51)⁷ C11D 1/00, 3/37

(11) WO 03/095597 (13) A1

(21) PCT/FR03/01408

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr
(30) 0205743 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL AMPHIPHILIC COPOLYMER-TYPE BIODEGRADABLE SURFACE ACTIVE AGENTS COMPRISING HYDROPHOBIC SEGMENTS AND OLIGO- AND/OR POLYSACCHARIDES

• NOUVEAUX AGENTS TENSIOACTIFS BIODEGRADABLES DE TYPE COPOLYMERES AMPHIPHILES CONSTITUES DE SEGMENTS HYDROPHOBES ET D'OLIGO ET/OU POLYSACCHARIDES

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) [FR/FR]; 3, rue Michel Ange, F-75016 PARIS (FR).
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(72, 75) CHAUVIERRE, Cédric-Georges [FR/FR]; 67, rue Jean Longuet, F-92290 CHATENAY-MALABRY (FR). COUVREUR, Patrick [FR/FR]; Ibis, rue du Lac Léman, F-91140 VILLEBON-SUR-YVETTE (FR). LABARRE, Denis [FR/FR]; 44, rue des quatre cantons, F-91140 VILLEBON-SUR-YVETTE (FR). VAUTHIER, Christine [FR/FR]; 36 avenue Victor Hugo, F-91440 BURES SUR YVETTE (FR).

(74) BERNASCONI, Jean et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 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 C11D 3/18, 3/20, 3/00, 3/39

(11) WO 03/095598 (13) A1

(21) PCT/GB03/01964

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210815.7 11 May/mai 2002 GB
(11.05.2002)

(30) 0213971.5 18 Jun/juin 2002 GB
(18.06.2002)

(30) 0214631.4 25 Jun/juin 2002 GB
(25.06.2002)

(30) 0216458.0 16 Jul/juil 2002 GB
(16.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DETERGENT COMPOSITION
• COMPOSITION DETERGENTE

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).
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(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
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(72, 75) FREGONESE, Daniele [IT/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059 Ludwigshafen (DE). HOUSMEKERIDES, Chris, Efstathios [GR/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059 Ludwigshafen (DE). RICHTER, Marcus [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059 Ludwigshafen (DE).

(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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C11D 3/20, 3/50, 17/04

(11) WO 03/095599 (13) A1

(21) PCT/GB03/02004

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210850.4 11 May/mai 2002 GB
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR REMOVING A COLOURED FOOD STAIN FROM PLASTIC
• PROCÉDE PERMETTANT D'ENLEVER SUR DU PLASTIQUE UNE TACHE DE COULEUR DUE À UN ALIMENT

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).
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(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
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(72, 75) FREGONESE, Daniele [IT/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059 Ludwigshafen (DE). HOUSMEKERIDES, Chris, Efstathios [GR/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059

Ludwigshafen (DE). RICHTER, Marcus [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, 67059 Ludwigshafen (DE).

(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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C11D 3/20, A61K 7/50 // C11D 3/14

(11) WO 03/095600 (13) A1

(21) PCT/IB03/01683

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 0205878 13 May/mai 2002 FR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAND CLEANSING FORMULATION

• SAVON POUR LES MAINS

(71) DEB IP LIMITED [GB/GB]; 108 Spencer Road, Belper, Derbyshire DE56 1JX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRASCHA, Pierre, Bruno [FR/FR]; 14, rue des Campanules, F-51350 Cormontreuil (FR). JOYCE, Neil, Paul [GB/FR]; 66, rue Joseph Maistre, F-75018 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 C11D 3/30, 3/50, C07C 219/20, 219/04

(11) WO 03/095601 (13) A1

(21) PCT/IB03/01970

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PCT/IB02/01661 13 May/mai 2002 IB
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BRANCHED FATTY ACID DERIVATIVES AS ANTI-GELLING OR VISCOSITY-CONTROL INGREDIENTS

• DERIVES D'ACIDES GRAS RAMIFIÉS EN TANT QU'INGRÉDIENTS DE RÉGULATION DE LA VISCOSITÉ OU D'ANTI-GÉLIFICATION

(71) FIRMENICH SA [CH/CH]; P.O. Box 239, 1, route des Jeunes, CH-1211 Genève 8 (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NAEF, Ferdinand [CH/CH]; 6, chemin Charles Poluzzi, CH-1227 Carouge (CH). STORA, Thierry [FR/FR]; 77, place de la Mairie, F-01630 Sergey (FR). HAEFLIGER, Olivier [CH/CH]; 10, rue de Montchoisy, CH-1207 Genève (CH).

(74) SALVATERRA-GARCIA, Maria de Lurdes; Firmenich SA, 1, route des Jeunes, P.O. Box 239, CH-1211 Genève 8 (CH).

(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 C11D 11/00, 7/24, 3/18, 3/382

(11) WO 03/095602 (13) A1

(21) PCT/GB03/01960

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210815.7 11 May/mai 2002 GB (11.05.2002)

(30) 0213971.5 18 Jun/juin 2002 GB (18.06.2002)

(30) 0214631.4 25 Jun/juin 2002 GB (25.06.2002)

(30) 0216458.0 16 Jul/juil 2002 GB (16.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DETERGENT COMPOSITION

• COMPOSITION DETERGENTE

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelacr, Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

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(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(only for / seulement pour MN)

(72, 75) FREGONESE, Daniele [IT/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, D-67059 Ludwigshafen (DE). HOUSEMEKERIDES, Chris, Efsthios [GR/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, D-67059 Ludwigshafen (DE). RICHTER, Marcus [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, d-67059 Ludwigshafen (DE).

(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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C12M 3/06, C12N 5/06

(11) WO 03/095603 (13) A1

(21) PCT/SG02/00184

(22) 14 Aug/août 2002 (14.08.2002)

(25) en (26) en

(30) 20202359-6 22 Apr/avr 2002 SG (22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CELL CULTURE SYSTEM

• SYSTEME DE CULTURE CELLULAIRE

(71) CORDLIFE PTE LTD. [—/SG]; 1 Orchard Boulevard, #08-08, Camden Medical Centre, Singapore 248649 (SG).

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(72, 75) YU, Hanry [CN/SG]; Block 603, Choa Chu Kang, St 62#05-45, Singapore 680603 (SG). BESTED, Soren, Muller [DK/SG]; 136 Hill View Av #09-04, Singapore 669598 (SG). FANG, Steven [SG/SG]; Apt. Blk 187, Pasir Ris, St 11, #13-90, Singapore 510187 (SG). ANG, Cheng, Eng [SG/SG]; Blk 111 Bt Batok West, Ave 6#13-132, Singapore 65011 (SG).

(74) ELLA CHEONG MIRANDAH & SPRU-SONS PTE LTD; 111 North Bridge Road, #22-01, Peninsula Plaza, Singapore 179098 (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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 C12N

(11) WO 03/095604 (13) A2

(21) PCT/CA03/00654

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,977 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOVEL PURIFIED POLYPEPTIDES FROM STREPTOCOCCUS PNEUMONIAE

• NOUVEAUX POLYPEPTIDES PURIFIÉS FABRIQUÉS À PARTIR DE STREPTOCOCCUS PNEUMONIAE

(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). 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). KIMBER, Matthew [GB/CA]; 306 Sumach Street, Apt. 7, Toronto, Ontario M5A 3K2 (CA). AWREY, Donald [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Visa 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 C12N

(11) WO 03/095605 (13) A2

(21) PCT/EP03/03874

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/378,820 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CHIMERIC REVERSE TRANSCRIPTASE AND METHODS FOR IDENTIFYING TELOMERASE INHIBITORS

• TRANSCRIPTASE INVERSE CHIMÈRE ET PROCÉDES D'IDENTIFICATION D'INHIBITEURS DE LA TÉLOMÉRASE

(71) PHARMACIA ITALIA SPA [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MOLL, Juergen [DE/IT]; Località San Bartolomeo, I-22070 Appiano Gentile

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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 C12N

(11) WO 03/095606 (13) A2

(21) PCT/EP03/04992

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/143,822 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A T CELL SUBPOPULATION REGULATING GUT IMMUNITY

• SOUS-POPULATION DE LYMPHOCYTE T REGULANT L'IMMUNITÉ DES INTESTINS

(71) INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). INSTITUT CURIE [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR).

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(72, 75) LANTZ, Olivier [FR/FR]; 133, avenue Félix Faure, F-75015 Paris (FR). TREINER, Emmanuel [FR/FR]; 34, rue Dareau, F-75014 Paris (FR).

(74) BECKER, Philippe et al. / etc.; Becker et Associés, 35, rue de Mathurins, 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 C12N

(11) WO 03/095607 (13) A2

(21) PCT/IB03/03373

(22) 14 May/mai 2003 (14.05.2003)

(25) en

(30) 60/378,159

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROLE OF P62 IN AGING-RELATED DISEASE

• ROLE DE P62 DANS DES MALADIES LIEES AU VIEILLISSEMENT

(71, 72) SHIN, Jaekyoon [KR/KR]; LG Village 206-604, Keumkok-Dong, Kwansan-Ku, Suwon-Si, Kyonggi-Do (KR). LEE, Han-woong [KR/KR]; Hanyang Sibum Apt. 318-2902, Seohyn-Dong, Bundang-Ku, Seongnam-Si, Kyonggi-Do (KR). OH, Gootaek [KR/KR]; Hanbit Apt. 133-1106, Ueun-Dong, Yusung-Ku, Daejeon (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 HU IE IT LU MC NL PT 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 03/095608 (13) A2

(21) PCT/US02/15032

(22) 13 May/mai 2002 (13.05.2002)

(25) en (26) en

(30) 60/290,036 11 May/mai 2001 US (11.05.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DNA MICROARRAYS COMPRISING ACTIVE CHROMATIN ELEMENTS AND COMPREHENSIVE PROFILING THEREWITH

• MICRORESEAUX D'ADN CONTENANT DES ELEMENTS DE CHROMATINE ACTIVE ET DEFINITION DE PROFIL GENERAL ASSOCIEE

(71) STAMATOYANNOPOULOS, John, A. [US/US]; 15 Milford Street, #1, Boston, MA 02118 (US).

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

(72, 75) MCARTHUR, Michael [GB/GB]; Mill House, Mill Lane, Rocklands All Saints NR17 1XR (GB).

(74) ANTLER, Adriane, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036-2711 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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

(26) en

14 May/mai 2002 US (14.05.2002)

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

(11) WO 03/095609 (13) A2

(21) PCT/US03/12217

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 10/140,830 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPLANT FOR TISSUE REPAIR

• IMPLANT DE REPARATION DE TISSUS

(71) SMITH & NEPHEW, INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) LIPCHITZ, John; 21 Homer Street, Wattertown, MA 02472 (US). COTTON, Nick; 10 Kimball Road, Westborough, MA 01581 (US). BERUBE, Rod; 205 Ivy Street, North Attleboro, MA 02763 (US).

(74) STACEY, George et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095610 (13) A2

(21) PCT/US03/13087

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/132,067 24 Apr/avr 2002 US (24.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STATEMENT AS TO RIGHTS TO INVENTIONS MADE UNDER FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

• PROCEDES D'EVOLUTION DIRIGEE PERMETTANT D'AMELIORER LE REPLIEMENT ET LA SOLUBILITE DE POLYPEPTIDES ET PROTEINES FLUORESCENTES PRESENTANT UNE CAPACITE DE REPLIEMENT ELEVEE GENEREES AU MOYEN DE CES PROCEDES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

(72) WALDO, Geoffrey, S.; 3238 La Paz Lane, Santa Fe, NM 87505 (US).

(74) **SHARPLES, Kenneth, K.** 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).

(51)⁷ C12N

(11) WO 03/095611 (13) A2

(21) PCT/US03/13401

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,949 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANDROGEN-REGULATED PMEPA1 GENE AND METHODS OF USING THE SAME TO INHIBIT CANCER CELL GROWTH

• GENE PMEPA1 REGULE PAR LES ANDROGENES ET PROCEDES D'UTILISATION DE CE DERNIER POUR INHIBER LA CROISSANCE DES CELLULES CANCEREUSES

(71) **HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE** [US/US]; 13509 Bailey Drive, Rockville, MD 20850 (US).

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(72, 75) **SRIVASTAVA, Shiv** [US/US]; 13216 Maplecrest Drive, Potomac, MD 20814 (US).

MOUL, Judd, W. [US/US]; 8917 Holly Leaf Lane, Bethesda, MD 20817 (US). **XU, Linda, L.** [CN/US]; 13509 Bailey Drive, Rockville, MD 20850 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 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).

(51)⁷ C12N

(11) WO 03/095612 (13) A2

(21) PCT/US03/13975

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/380,134 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

• PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT LESDITES PROTEINES KINASES HUMAINES, ET UTILISATION DESDITES PROTEINES ET MOLECULES

(71) **APPLERA CORPORATION** [US/US]; Wayne W. Montgomery, Assistant Secretary, c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).

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

(72, 75) **ABU-THREIDEH, Jane** [KW/US]; Celera Genomics, 45 West Gude Drive C2-#21, Rockville, MD 20850 (US). **NEELAM, Beena** [GB/US]; Celera Genomics, 45 West Gude Drive C2-#21, Rockville, MD 20850 (US). **YAN, Chunhua** [CN/US]; Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).

(74) **APPLERA CORPORATION**; Wayne W. Montgomery, Assistant Secretary, c/o Celera Genomics, 45 West Gude Drive C2-4#21, 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 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 03/095613 (13) A2

(21) PCT/US03/14049

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,647 7 May/mai 2002 US (07.05.2002)

(30) 10/200,148 23 Jul/juil 2002 US (23.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NUCLEIC ACIDS, POLYPEPTIDES, AND METHODS FOR MODULATING APOPTOSIS

• ACIDES NUCLEIQUES, POLYPEPTIDES, ET METHODES PERMETTANT DE MODULER L'APOPTOSE

(71) **SENESCO TECHNOLOGIES, INC.** [US/US]; 303 George Street, Suite 420, New Brunswick, NJ 08901 (US).

(72) **TAYLOR, Catherine**; 122 Foxhunt RD., Waterloo, Ontario N2K 3N1 (CA). **WANG,**

Tzann-Wei; 607 Salzburg Drive, Waterloo, Ontario N2V 2L5 (CA). **PETROV, Larry**; 66 Mooregate Crescent, Apt. 1210, Kitchener, Ontario N2M 5E6 (CA). **CARLSON, John, C.**; 126 Woodbend Crescent, Waterloo, Ontario N2T 1G9 (CA). **NARAYANSINGH, Richard**; 119 Lorilee Crescent, Kitchener, Ontario N2N 2J5 (CA). **THOMPSON, John, E.**; 640 Woolwich Street, Waterloo, Ontario N2J 4G8 (CA). **CLICHE, Dominic**; 75 Old Chicopee Drive, Unit #52, Kitchener, Ontario N2A 2G4 (CA). **KAUP, Marianne**; 102 Perth Street, New Hamburg, Ontario N0B 2G0 (CA).

(74) **LAVENUE, Teresa, A.** et al. / etc.; Kenyon & Kenyon, 1500 K Street N.W., Suite 700, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095614 (13) A2

(21) PCT/US03/14200

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,533 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CYTOKINE POLYPEPTIDES

• POLYPEPTIDES CYTOKINES

(71) **IMMUNEX CORPORATION** [US/US]; Law Department, 51 University Street, Seattle, WA 98101 (US).

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

(72, 75) **BAUM, Peter, R.** [US/US]; 6027 - 34th Avenue NE, Seattle, WA 98115 (US). **MOSLEY, Bruce, A.** [US/US]; 4116 NE 203rd Place, Seattle, WA 98155 (US).

(74) **SPRUNGER, Suzanne, A.**; Immunex Corporation, 51 University Street, 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).

- (51)⁷ C12N
(11) WO 03/095615 (13) A2
(21) PCT/US03/14218
(22) 5 May/mai 2003 (05.05.2003)
(25) en (26) en
(30) 60/379,361 9 May/mai 2002 US
(09.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • TRANSGENIC PLANTS WITH A SUPPRESSED TRITERPENE LEVEL
• VEGETAUX TRANSGENIQUES A TAUX DE TRITERPENE SUPPRIME
(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) MCGONIGLE, Brian [US/US]; 1707 North Union Street, Wilmington, DE 19806 (US). MAXWELL, Carl, A. [US/US]; 35 Mary Anita Court, Elkton, MD 21921 (US). HESSION, Aideen, O. [US/US]; 1254 Kynlyn Drive, Wilmington, DE 19809 (US).
(74) BEARDELL, Lori, Y.; 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 C12N
(11) WO 03/095616 (13) A2
(21) PCT/US03/14284
(22) 7 May/mai 2003 (07.05.2003)
(25) en (26) en
(30) 60/379,710 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,660 7 May/mai 2002 US
(07.05.2002)

- (30) 60/379,645 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,552 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,711 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,543 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,643 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,708 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,681 7 May/mai 2002 US
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • DYNAMICS BIONEMS SENSORS AND ARRAYS OF BIONEMS SENSOR IMMERSED IN FLUIDS
• CAPTEURS BIONEMS DE DYNAMIQUE ET RESEAUX DE CAPTEURS BIONEMS IMMERGES DANS DES FLUIDES
(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 92115 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ROUKES, Michael, L. [US/US]; 1420 San Pasqual, Pasadena, CA 91106 (US). FRASER, Scott, E. [US/US]; 503 Dartmouth Place, La Canada, CA 91011 (US). SOLOMON, Jerry, E. [US/US]; 3648 Fairesta St., Glendale, CA 91214 (US). CROSS, Michael, C. [GB/US]; 456 W. Tenth St., Claremont, CA 91711 (US). ARLETT, Jessica, L. [CA/US]; 1033 Cordova St., Apt. 20, Pasadena, CA 91106-3011 (US).
(74) DAWES, Daniel, L.; Myers Dawes Andras & Sherman 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 MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095617 (13) A2
(21) PCT/US03/14286
(22) 7 May/mai 2003 (07.05.2003)
(25) en (26) en
(30) 60/379,507 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,712 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,618 7 May/mai 2002 US
(07.05.2002)
(30) 60/379,555 7 May/mai 2002 US
(07.05.2002)

- (43) 20 Nov/nov 2003 (20.11.2003)
(54) • A METHOD AND APPARATUS FOR PROVIDING SIGNAL ANALYSIS OF A BIONEMS RESONATOR OR TRANSDUCER
• PROCEDE ET APPAREIL PERMETTANT D'OBTENIR UNE ANALYSE DE SIGNAL D'UN RESONATEUR OU D'UN TRANSDUCTEUR DE BIONEMS
(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ROUKES, Michael, L. [US/US]; 1420 San Pasqual, Pasadena, CA 91106 (US). FRASER, Scott, E. [US/US]; 503 Dartmouth Place, La Canada, CA 91011 (US). SOLOMON, Jerry, E. [US/US]; 3648 Fairesta St., Glendale, CA 91214 (US).
(74) DAWES, Daniel, L.; Myers Dawes Andras & Sherman 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 MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095618 (13) A2
(21) PCT/US03/14462
(22) 7 May/mai 2003 (07.05.2003)
(25) en (26) en
(30) 60/379,284 9 May/mai 2002 US
(09.05.2002)
(30) 10/430,762 6 May/mai 2003 US
(06.05.2003)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • IDENTIFICATION OF DYSREGULATED GENES IN PATIENTS WITH MULTIPLE SCLEROSIS
• IDENTIFICATION DE GENES DEREGULES CHEZ UN PATIENT SOUFFRANT DE SCLEROSE EN PLAQUES
(63) US 10/430,762 (CON)
US 6 May/mai 2003 (06.05.2003)
US 60/379,284 (CON)
9 May/mai 2002 (09.05.2002)
(71) BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02177 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DANGOND, Fernando [US/US]; 99 Huntington Road, Newton, MA 02458 (US). HWANG, Daehee [—/US]; - (US).
(74) HIGHLANDER, Steven, L.; Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, Texas 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095619 (13) A2

(21) PCT/US03/14511

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,317 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROTEIN COMPLEX PURIFICATION
• PURIFICATION D'UN COMPLEXE PROTEIQUE

(71) MYRIAD PROTEOMICS, INC. [US/US]; 2150 West Dauntless Ave., Salt Lake City, UT 84116 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONIFACE, John, J. [US/US]; 1020 South Douglas Ave., Salt Lake City, UT 84106 (US). KERY, Vladimir [US/US]; 939 South Donner Way, No. 201, Salt Lake City, UT 84108 (US). PELTIER, John, M. [CA/US]; 2471 East Cheshire Dr., Sandy, UT 84116 (US). WEIR, Lawrence [—/US]; 6971 Canyon Pines Circle, Salt Lake City, UT 84121 (US). ROBBINS, Paul, B. [US/US]; 7752 N. Boothill Dr., Park City, UT 84098 (US). RODRIGUEZ, Manuel, M. [US/US]; 715 6th Avenue, Salt Lake City, UT 84103 (US).

(74) YOO-WARREN, Heeja et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095620 (13) A2

(21) PCT/US03/14558

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,822 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OOCYTE RECORDING CHAMBER
• ENCEINTE D'ENREGISTREMENT POUR OVOCYTE

(71) SCION PHARMACEUTICALS, INC. [US/US]; Suite 3600, 200 Boston Avenue, Medford, MA 02155 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUI, Jinliang [US/US]; 180 Rice Avenue, Northborough, MA 01532 (US).

(74) HSI, Jeffrey, D.; 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 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).

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 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 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 AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095621 (13) A2

(21) PCT/US03/14684

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,321 10 May/mai 2002 US (10.05.2002)

(30) 10/314,869 9 Dec/déc 2002 US (09.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APOPTOTIC EBV-TRANSFORMED LYMPHOCYTES, A THERAPEUTIC

AGENT FOR POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER

• LYMPHOCYTES APOPTOTIQUES TRANSFORMES PAR L'EBV ET AGENT DE TRAITEMENT DES TROUBLES DE PROLIFERATION DE LA LYMPHE SUIVANT UNE TRANSPLANTATION

(71) THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1960 Kenny Road, Columbus, OH 43210-1036 (US).

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

(72, 75) PLATZ, Matthew, S. [US/US]; 5999 Rocky Rill Road, Columbus, OH 43235 (US).

(74) FROST, Kristin, J.; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Suite 1400, 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 C12N

(11) WO 03/095622 (13) A2

(21) PCT/US03/14742

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,849 10 May/mai 2002 US (10.05.2002)

(30) 60/384,661 31 May/mai 2002 US (31.05.2002)

(30) 60/397,112 19 Jul/juil 2002 US (19.07.2002)

(30) 60/405,420 23 Aug/août 2002 US (23.08.2002)

(30) 60/412,516 20 Sep/sep 2002 US (20.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH

• PROTEINES ASSOCIEES A LA CROISSANCE, LA DIFFERENTIATION ET LA MORT CELLULAIRES

(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) KABLE, Amy, E. [US/US]; 2345 Polk Street #4, San Francisco, CA 94109 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US).

- KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). BULLOCH, Sean, A. [US/US]; 175 Calvert Drive #B-102, Cupertino, CA 95014 (US). LEE, Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). TANG, Y. , Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). KAREHT, Stephanie, K. [US/US]; 3531 Highland Avenue, Redwood City, CA 94062 (US). EMERLING, Brooke, M. [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). CHANG, Hsin-Ru [US/US]; 326 Treasure Island Drive, Belmont, CA 94002 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US).
- (74) HAMLET-COX, Diana et al. / etc.; Inceyte 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 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 03/095623 (13) A2
- (21) PCT/US03/14825
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 60/379,819 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • GENETICALLY ENGINEERED CELL LINES AND SYSTEMS FOR PROPAGATING VARICELLA ZOSTER VIRUS AND METHODS OF USE THEREOF
- LIGNEES CELLULAIRES ET SYSTEMES MIS AU POINT PAR GENIE GENETIQUE ET DESTINES A PROPAGER LE VIRUS VARICELLE-ZONA, ET METHODES D'UTILISATION ASSOCIEES
- (71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 412 Low Library, Mail Code 4308, 535 West 116th Street, New York, NY 10027 (US).
- (72) CHEN, Jason, J.; 271 Fort Washington Avenue, Apt. 4G, New York, NY 10032 (US). GERSHON, Anne, A.; 176 East 93rd Street, New York, NY 10128 (US). ZHU, Zhenglun; 2301 Halcyon Drive, Worcester, MA 01606 (US). SILVERSTEIN, S.; 110 Riverside Drive, New York, NY 10024 (US). GERSHON, Michael, D.; 176 East 93rd Street, New York, NY 10128 (US).
- (74) RESTAINO, Leslie, Gladstone; Brown Raysman Millstein Felder & Steiner LLP, 163 Madison Avenue, P.O. Box 1989, Morristown NJ 07962-1989 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C12N
- (11) WO 03/095624 (13) A2
- (21) PCT/US03/14832
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/379,831 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • LIVER INFLAMMATION PREDICTIVE GENES
- GENES PREDICTIFS D'UNE INFLAMMATION DU FOIE
- (71) PHASE-1 MOLECULAR TOXICOLOGY, INC. [US/US]; Suite 100, 2904 Rodeo Park Drive East, Santa Fe, NM 87505 (US).
- (72) KIER, Larry; 3121 Pueblo Sapawe, Santa Fe, NM 87507 (US). NOLAN, Timothy, D.; 2491 Sawmill Road, Apartment #308, Santa Fe, NM 87505 (US). SANKAR, Usha; 28 Palmer Drive, Wayne, NJ 07470 (US). DERBEL, Maher; Clinical Science and Technology, Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).
- (74) ROBERTS, Jon, L. et al. / etc.; Roberts Abokhair & Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, 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 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 03/095626 (13) A2
- (21) PCT/US03/15360
- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095625 (13) A2
- (21) PCT/US03/14923
- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- (30) 60/379,617 13 May/mai 2002 US (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR CYTOPROTECTION THROUGH MDM2 AND HDM2 INHIBITION
- PROCEDE DE CYTOPROTECTION PAR INHIBITION DE MDM2 ET DE HDM2
- (71) 3-DIMENSIONAL PHARMACEUTICALS, INC. [US/US]; Three Lower Makefield Corporate Center, 1020 Stony Hill Road, Suite 300, Yardley, PA 19067 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBLISH, Holly, K. [US/US]; 443 Lynetree Drive, West Chester, PA 19380 (US). MANTHEY, Carl, L. [US/US]; 616 Comstock Avenue, Downingtown, PA 19335 (US). MOLLOY, Christopher, J. [US/US]; 409 Sweetbriar Court, Yardley, PA 19067 (US). LU, Tianbao [US/US]; 606 Monticello Lane, Kennett Square, PA 19348 (US). PARKS, Daniel, J. [US/US]; 106 North Severgn Drive, Exton, PA 19341 (US). LAFRANCE III, Louis, V. [US/US]; 936 Cedarwood Avenue, West Chester, PA 19380 (US). MILKIEWICZ, Karen, L. [US/US]; 408 Cadwalader Circle, Exton, PA 19341 (US). CARVER, Ted [US/US]; 276 Meadowlake Drive, Downingtown, PA 19335 (US). GRASBERGER, Bruce, L. [US/US]; 335 Meadowview Drive, Trappe, PA 19426 (US).
- (74) COVERT, JOHN M. et al. / etc.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., 1100 New York Avenue, 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).

- (30) 60/380,211 **13 May/mai 2002** US
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PURIFIED COMPOSITION OF BISPECIFIC MOLECULES AND METHODS OF PRODUCTION
• COMPOSITION PURIFIÉE DE MOLECULES BISPECIFIQUES ET SES PROCEDES DE PRODUCTION
- (71) ELUSYS THERAPEUTICS, INC. [US/US]; 10 Bloomfield Avenue, Pine Brook, NJ 07058 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PORTER, James, P. [US/US]; 3 Golfview Terrace, Sparta, NJ 07871 (US).
EBELLE, Rose [CM/US]; 5 Witherwood Drive, Hardyston, NJ07419 (US). CASEY, Leslie [US/US]; Apartment 3B, 119 W. 88th Street, New York, NY 10024 (US).
LUKACHER, Nadya [US/US]; 20 Maguire Avenue, Staten Island, NY 10309 (US).
- (74) ANTLER, Adriane, 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 1/19, C12P 7/06 // (C12P 7/06, C12R 1:85)
- (11) WO 03/095627 (13) A1
- (21) PCT/SE03/00749
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 0201428-0 **8 May/mai 2002** SE
(08.05.2002)
- (30) 0202090-7 **4 Jul/juil 2002** SE
(04.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A MODIFIED YEAST CONSUMING L-ARABINOSE
• LEVURE MODIFIÉE CONSOMMANT L-ARABINOSE
- (71) FORSKARPATENT I SYD AB [SE/SE]; Teknopol, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOLES, Eckhard [DE/DE]; Röntgenweg 5, 40591 Düsseldorf (DE). BECKER, Jessica [DE/DE]; Torgauer Str. 26, 40231 Düsseldorf (DE).
- (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 C12N 5/00

(11) WO 03/095628 (13) A2

(21) PCT/GB03/01967

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210539.3 **8 May/mai 2002** GB
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTROL OF ES CELL SELF RENEWAL AND LINEAGE SPECIFICATION, AND MEDIUM THEREFOR

• REGULATION DE L'AUTORE-NOUVELLEMENT DE CELLULES SOUCHES EMBRYONNAIRES (ES) ET SPECIFICATION DE LIGNAGE, ET SUBSTANCE APPROPRIÉE

(71) UNIVERSITY OF EDINBURGH [GB/GB]; Old College, South Bridge, Edinburgh EH8 9YL (GB).

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

(72, 75) SMITH, Austin, Gerard [GB/GB]; Institute of Stem Cell Research, Roger Land Building, University of Edinburgh, West Main Road, Edinburgh EH9 3JQ (GB).
YING, Qi-Long [CN/GB]; Institute of Stem Cell Research, Roger Land Building, University of Edinburgh, West Main Road, Edinburgh EH9 3JQ (GB).

(74) SCHLICH, George, William 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).

(51)⁷ C12N 5/06

(11) WO 03/095629 (13) A1

(21) PCT/AU03/00552

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2254 **10 May/mai 2002** AU
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCTION OF NEURAL PROGENITOR CELLS

• PRODUCTION DE CELLULES SOUCHES NEURALES

(71) BRESAGEN LTD [AU/AU]; 38-39 Winwood Street, Thebarton, South Australia 5031 (AU).

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

(72, 75) DAVIDSON, Bruce, Paul [AU/AU]; 6/177 Childers Street, North Adelaide, South Australia 5006 (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 C12N 5/06

(11) WO 03/095630 (13) A2

(21) PCT/EP03/04784

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 472.1 **7 May/mai 2002** DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BIOARTIFICIAL SKIN

• PEAU BIOARTIFICIELLE

(71, 72) MACHENS, Hans-Günther [DE/DE]; Ratzeburger Allee 160, 23538 Lübeck (DE).

(74) BOETERS, Hans, D. et al. / etc.; Boeters & Lieck, Bereiter Anger 15, 81541 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 5/06, 5/08

(11) WO 03/095631 (13) A1

(21) PCT/EP03/04976

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) MI2002A001008 13 May/mai 2002 IT
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ESTABLISHING AND
EXPANDING MULTIPOTENT STEM
CELLS

- METHODE DE MISE EN PLACE ET
DE DEVELOPPEMENT DE CELLULES
SOUCHES MULTIPOTENTES

(71) FONDAZIONE CENTRO SAN RAF-
FAELE DEL MONTE TABOR [IT/IT]; Via
Olgettina, 60, I-20132 Milano (IT).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) COSSU, Giulio [IT/IT]; Via Olgettina,
60, I-20132 Milano (IT). CUSELLA-DE
ANGELIS, Maria, Gabriella [IT/IT]; Via
Olgettina, 60, I-20132 Milano (IT).(74) BANFI, Paolo 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
RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/06, C12Q 1/06

(11) WO 03/095632 (13) A1

(21) PCT/JP03/05713

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-131348 7 May/mai 2002 JP
(07.05.2002)(30) 2002-131366 7 May/mai 2002 JP
(07.05.2002)(30) 2002-190161 28 Jun/juin 2002 JP
(28.06.2002)(30) 2002-254185 30 Aug/août 2002 JP
(30.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR OB-
TAINING CELLS OF SPECIFIC TYPE
FROM BIOLOGICAL MATERIAL

- PROCEDE ET SYSTEME PERMET-
TANT D'OBTENIR DES CELLULES
D'UN TYPE SPECIFIQUE A PARTIR
D'UN MATERIAU BIOLOGIQUE

(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) HATANAKA, Yoshihiro [JP/JP];
Soleil-Oozai 205, 2-22-28, Yokota, Oita-shi,
Oita 870-0263 (JP). SAEKI, Takaaki
[JP/JP]; Taishi-ryo 513, 140-1, Naka-
maru, Fuji-shi, Shizuoka 416-0933 (JP).
MIYAMOTO, Masaaki [JP/JP]; 2-1-11,
Sendagi, Bunkyo-ku, Tokyo 113-0022 (JP).
UMIHIRA, Kazuo [JP/JP]; 22-7, Ichijoji
Nishiurahatacho, Sakyo-ku, Kyoto-shi, Ky-
oto 606-8127 (JP).(74) WATANABE, Junzo; 3rd Floor, Akasaka,
Habitation Building, 3-5, 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 MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/08, 5/10, A61K 35/12, 48/00

(11) WO 03/095633 (13) A2

(21) PCT/DE03/01516

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 480.2 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE PRODUCTION OF
CELLS WITH INCREASED DEVELOP-
MENT POTENTIAL

- PROCEDE DE FABRICATION DE CEL-
LULES PRESENTANT UN POTENTIEL
DE DEVELOPPEMENT AUGMENTE

(71, 72) RAPP, Ulf, R. [DE/DE]; Versbacher
Strasse 5, 97078 Würzburg (DE).(72, 75) NEUFELD, Bernd [DE/DE]; Zaun-
strasse 10, 50859 Köln (DE).(74) JUNGBLUT, Bernhard; Albrecht, Lüke
& Jungblut, Gelferstrasse 56, 14195 Berlin
(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 C12N 5/10, 5/08, A61K 35/12, A61P
31/18, 35/00, 37/00

(11) WO 03/095634 (13) A1

(21) PCT/EP03/04782

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 02010439.4 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PAX-5-DEFICIENT PRO-B-CELLS,
METHODS OF PRODUCING THEM
AND THE USE OF SUCH CELLS IN
HUMAN THERAPY

- CELLULES PRO-B A DEFICIENCE
PAX-5, PROCEDE DE PRODUCTION
ET UTILISATION DE TELLES CEL-
LULES EN THERAPIE HUMAINE

(71) BOEHRINGER INGELHEIM IN-
TERNATIONAL GMBH [DE/DE]; CD
PATENTS, Binger Strasse 173, 55216 Ingel-
heim (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BUSSLINGER, Meinrad [CH/AT];
Gottfried Keller-Gasse 13/19, A-1030 Vi-
enna (AT). MIKKOLA, Ingvi [NO/NO];
Vasstrandveien 355, N-9100 Kvaløysletta
(NO). HEAVEY, Barry [IE/IE]; Wind-
mere, St. Marys Place, Athlone (IE).(74) HAMMANN, Heinz et al. / etc.;
BOEHRINGER INGELHEIM GMBH,
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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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 9/00

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(21) PCT/DE03/01456

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 848.4 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NUCLEOTIDE SEQUENCE CODING
FOR A MANNITOL 2-DEHYDRO-
GENASE AND METHOD FOR THE
PRODUCTION OF D-MANNITOL

- SEQUENCE NUCLEOTIDIQUE CO-
DANT POUR UNE MANNITOL-2-DE-
SHYDROGENASE ET PROCEDE DE
PRODUCTION DE D-MANNITOL

(71) FORSCHUNGSZENTRUM JÜLICH
GMBH [DE/DE]; Wilhelm-Johnen-Straße,
52425 Jülich (DE). INSTITUT FÜR TECH-
NOLOGIE DER KOHLENHYDRATE -

ZUCKERINSTITUT - E.V. [DE/DE]; Langer Kamp 5, 38106 Braunschweig (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SAHM, Hermann [DE/DE]; Wendelinusstr. 71, 52428 Jülich (DE). HAHN, Gerald [DE/DE]; Weberstrasse 18, 52134 Herzogenrath (DE). BRINGER-MEYER, Stephanie [DE/DE]; Josef-Rahier Strasse 13, 52428 Jülich (DE). KAUP, Björn [DE/DE]; Rilkestrasse 7, 51067 Köln (DE). HEMMERLING, Claudia [DE/DE]; Zum Ackerberg 37, 38126 Braunschweig (DE). WALTER, Martin [DE/DE]; Glimmesborn 17A, 38176 Bortfeld (DE). WULLBRANDT, Dieter [DE/DE]; Am Söhlberg 15, 38321 Gross Denkte (DE).

(74) EINSEL, Martin et al. / etc.; Jasperallee 1 a, 38102 Braunschweig (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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(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210755.5 10 May/mai 2002 GB (10.05.2002)

(30) 0213751.1 14 Jun/juin 2002 GB (14.06.2002)

(30) 0217519.8 29 Jul/juil 2002 GB (29.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ACTIVATION INDUCED DEAMINASE (AID)

• DEAMINASE INDUITE PAR ACTIVATION (AID)

(71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).

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(72, 75) PETESERSEN-MAHRT, Svend, K. [DE/GB]; Medical Research Council, Laboratory of Molecular Biology, Hills Road, Cambridge, CB2 2QH (GB). HARRIS, Reuben, S. [CA/GB]; Medical Research Council, Laboratory of Molecular Biology, Hills Road, Cambridge, CB2 2QH (GB). NEUBERGER, Michael, Samuel [GB/GB]; Medical Research Council, Laboratory of Molecular Biology, Hills Road, Cambridge, CB2 2QH (GB). BEALE, Rupert, Christopher, Lansdowne [GB/GB]; Medical Research Council, Laboratory of Molecular Biology, Hills Road, Cambridge, CB2 2QH (GB).

(74) FURLONG, Isla, Jane 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 C12N 9/00

(11) WO 03/095637 (13) A1

(21) PCT/US03/02485

(22) 28 Jan/jan 2003 (28.01.2003)

(25) en (26) en

(30) 10/059,627 29 Jan/jan 2002 US (29.01.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMBINATION OF A GROWTH FACTOR AND A PROTEASE ENZYME

• COMBINAISON D'UN FACTEUR DE CROISSANCE ET D'UNE ENZYME PROTEASE

(71) CARRINGTON LABORATORIES, INC. [US/US]; 2001 Walnut Hill Lane, Irving, TX 75030-4404 (US).

(72) NI, Yawei; 702 Aster Drive, College Station, TX 77845 (US). YATES, Kenneth, M.; 2413 Nottingham, Grand Prairie, TX 75050 (US).

(74) CHWANG, T. Ling. et al. / etc.; Jackson Walker L.L.P., 2435 N. Central Expressway, Suite 600, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 C12N 9/88, 15/60, 1/21, 1/15, C11D 3/386, C12P 19/00

(11) WO 03/095638 (13) A1

(21) PCT/DK03/00316

(22) 14 May/mai 2003 (14.05.2003)

(25) en

(26) en

(30) PA 2002 00746 14 May/mai 2002 DK (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PECTATE LYASE VARIANTS

• VARIANTS DE PECTATE LYASE

(71) NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK). THISTED, Thomas [DK/DK]; Fjordskrænten 14, DK-3600 Frederiksund (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GLAD, Sanne, Schröder [DK/DK]; Viggo Barfoeds Allé 59, DK-2750 Ballerup (DK). ANDERSEN, Carsten [DK/DK]; Højeloft Vænge 162, DK-3500 Værløse (DK). BORCHERT, Torben, Vedel [DK/DK]; Biskop Svanes Vej 65A, 1th, DK-3460 Birkeroed (DK). JOHANSEN, Katja, Salomon [DK/DK]; Adolphsvej 66, 1tv, DK-2820 Gentofte (DK). FRISNER, Henrik [DK/DK]; Kurlandsgade 26, 3th, DK-2300 Copenhagen S (DK). BJØRNVAD, Mads, Eskelund [DK/DK]; Dr. Abildgaards Allé 8, 3th, DK-1955 Frederiksberg (DK).

(74) NOVOZYMES A/S; Att: Patents, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/00, G01N 33/68

(11) WO 03/095639 (13) A1

(21) PCT/BE03/00082

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,050 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIRECTED-SELECTIVE SCREENING : CONCEPTION AND PRODUCTION OF ACTIVE MOLECULES THAT ARE EVOLUTIONARY CHAEMERAS

• CRIBLAGE SELECTIF DIRIGE : CONCEPTION ET PRODUCTION DE MOLECULES ACTIVES CONSTITUANT DES CHIMERES EVOLUTIVES

(71) UNIVERSITE LIBRE DE BRUXELLES [BE/BE]; Avenue F.D. Roosevelt 50, CP 165, B-1050 BRUSSELS (BE).

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(72, 75) MILINKOVITCH, Michel [BE/BE]; Rue Haute, 40, B-6190 JEMEPPE-SUR-SAMBRE (SPY) (BE). SZPIRER, Cédric [BE/BE]; Rue de Boignée, 83, B-6224 FLEURUS (BE). GABANT, Philippe [BE/BE];

Rue Van Bommel, 9, B-1210 BRUSSELS (BE).

(74) VAN MALDEREN, Eric et al. / etc.; OFFICE VAN MALDEREN, Place Reine Fabiola, 6/1, B-1083 BRUSSELS (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).

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(51)⁷ C12N 15/00, A01K 67/027, C07K 14/47, C12N 5/10, A61K 49/00

(11) WO 03/095640 (13) A2

(21) PCT/DE03/01546

(22) 14 May/mai 2003 (14.05.2003)

(25) de (26) de

(30) 102 21 344.5 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRANSGENIC RAT AND THE USE THEREOF IN THE ANIMAL MODEL FOR HUMAN HUNTINGDON'S DISEASE AND NUCLEAR CONSTRUCTS, VECTORS AND CELLS FOR THE PRODUCTION THEREOF

• RAT TRANSGENIQUE ET UTILISATION DANS LE MODELE ANIMAL POUR LA CHOREE DE HUNTINGTON HUMAINE, CONSTRUCTIONS D'ACIDES NUCLEIQUES, VECTEURS ET CELLULES DESTINES A LA PRODUCTION DE CE RAT

(71) MEDIZINISCHE HOCHSCHULE HANNOVER [DE/DE]; Carl-Neuberg-Strasse 1, 30625 Hannover (DE).

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(72, 75) RIESS, Olaf [DE/DE]; Brunsstrasse 20, 72074 Tübingen (DE). VON HÖRSTEN, Stephan [DE/DE]; Birkenkamp 1, 30900 Wedemark (DE).

(74) LÄUFER, Martina; Gramm, Lins & Partner GbR, Freundallee 13, 30173 Hannover (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) (u) for / pour US only / seulement

(51)⁷ C12N 15/00, 15/09, 15/63, 15/70, 15/74, A01N 37/18, A61K 38/00

(11) WO 03/095641 (13) A1

(21) PCT/US03/13873

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/141,535 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTRACELLULAR PROTEIN DELIVERY COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS D'APPORT INTRACELLULAIRE DE PROTEINES ET METHODES D'UTILISATION DES- DITES COMPOSITIONS

(71) GENE THERAPY SYSTEMS, INC. [US/US]; 10190 Telesis Court, San Diego, CA 92121 (US).

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(72, 75) FELGNER, Philip, L. [US/US]; 5412 La Palomas, Rancho Santa Fe, CA 92067 (US). ZELPHATI, Olivier [FR/US]; 8840 Via La Jolla Drive, 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 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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(11) WO 03/095642 (13) A2

(21) PCT/CA03/00672

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,416 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYPEPTIDES AND MINI-GENES FOR CANCER TREATMENT

• POLYPEPTIDES ET MINIGENES POUR TRAITER LE CANCER

(71) AVENTIS PASTEUR, LTD. [CA/CA]; 1755 Steeles Avenue West, Toronto, Ontario M2R 3T4 (CA).

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(72, 75) TARTAGLIA, James [US/CA]; 62 Brookview Drive, Aurora, Ontario L4G 6R6 (CA). TINE, John, A. [US/US]; 215 Broad Street, Scotia, NY 12302 (US). MOINGEON, Philippe [FR/FR]; Le Châlier, F-69480 Pommiers (FR).

(74) ZEALEY, Gavin; 1755 Steeles Ave. West, Toronto, Ontario M2R 3T4 (CA).

(81) AE AG AL AM AT AU BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN KE KG KP 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N 15/09, 5/10, A01K 67/027

(11) WO 03/095643 (13) A1

(21) PCT/JP03/05771

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-132580 8 May/mai 2002 JP (08.05.2002)

(30) 2002-339254 22 Nov/nov 2002 JP (22.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF INHIBITING GENE EXPRESSION

• METHODE D'INHIBITION DE L'EXPRESSION GENIQUE

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

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(72, 75) UENO, Kenju [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KATSUME, Asao [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado

- 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **SUZUKI, Hiroshi** [JP/JP]; 2-56, Nishi 18jo minami 2-chome, Obihiro-shi, Hokkaido 080-0028 (JP). **KAWASE, Yosuke** [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 RO SE SI SK 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, C12Q 1/02, 1/18
- (11) **WO 03/095645** (13) A1
- (21) PCT/US03/14436
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/379,209 9 May/mai 2002 US (09.05.2002)
- (30) 60/412,536 20 Sep/sep 2002 US (20.09.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ASSAY FOR MELANOGENESIS
• ESSAI POUR LA MELANOGENESE
- (71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square, South, New York, NY 10012 (US).
- (72) **ORLOW, Seth, J.**; 9 East 96th Street, New York, NY 10128-0778 (US). **MANGA, Prasheila**; 3413 Linwood Road, Cincinnati, OH 45226 (US). **STALEVA, Liliana**; 545 First Avenue, Apt. 2C, New York, NY 10016 (US).
- (74) **KERNER, Ann-Louise**, 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).
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- (51)⁷ C12N 15/11
- (11) **WO 03/095647** (13) A2
- (21) PCT/IT03/00273
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) RM2002A000253 8 May/mai 2002 IT (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CHIMERIC snRNA MOLECULES CARRYING ANTISENSE SEQUENCES AGAINST THE SPLICE JUNCTIONS OF THE DYSTROPHIN GENE AND THEIR THERAPEUTIC APPLICATIONS
• MOLECULES DE SNARN CHIMERES PORTANT DES SEQUENCES ANTISENSES CONTRE LES JONCTIONS D'EPISSAGE DU GENE DE LA DYSTROPHINE ET APPLICATIONS THERAPEUTIQUES ASSOCIEES
- (71) **UNIVERSITÀ DEGLI STUDI DI ROMA** [IT/IT]; La Sapienza, Piazzale Aldo Moro, 5, I-00185 Roma (IT).
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- (72, 75) **BOZZONI, Irene** [IT/IT]; Dipartimento di Genetica e Biologia Molecolare, Università Degli Studi di Roma- La Sapienza, Piazzale Aldo Moro, 5, I-00185 Roma (IT). **DE ANGELIS, Fernanda, Gabriella** [IT/IT]; Dipartimento di Genetica e Biologia Molecolare, Università Degli Studi di Roma- La Sapienza, Piazzale Aldo Moro, 5, I-00185 Roma (IT).
- (74) **CAPASSO, Olga** et al. / etc.; De Simone & Partners S.p.A., Via V. Bellini, 20, I-00198 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 15/10
- (11) **WO 03/095646** (13) A1
- (21) PCT/IB03/01822
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 0210766.2 10 May/mai 2002 GB (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ISOLATING NUCLEIC ACID
• PROCEDE D'ISOLEMENT DE L'ACIDE NUCLEIQUE
- (71) **QIAGEN AS** [NO/NO]; Frysjaeveien 40, N-0884 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **SUZUKI, Hiroshi** [JP/JP]; 2-56, Nishi 18jo minami 2-chome, Obihiro-shi, Hokkaido 080-0028 (JP). **KAWASE, Yosuke** [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 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 14/47, 16/18, C12N 5/10, C12P 21/08, C12Q 1/68, A61K 38/395, A61P 1/00, 11/00, 15/00, G01N 33/15, 33/50, 33/53, 33/566
- (11) **WO 03/095644** (13) A1
- (21) PCT/JP03/05941
- (22) 13 May/mai 2003 (13.05.2003)
- (25) ja (26) ja
- (30) 2002-139184 14 May/mai 2002 JP (14.05.2002)
- (30) 2002-157669 30 May/mai 2002 JP (30.05.2002)
- (30) 2002-218324 26 Jul/juil 2002 JP (26.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NOVEL PROTEINS AND DNAS THEREOF
• NOUVELLES PROTEINES ET ADN POUR LESDITES PROTEINES
- (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). **MIYA, Hiroyuki** [JP/JP]; 517-9, Shibasaki, Tsukuba-shi, Ibaraki 305-0004 (JP). **IWAMA, Toshi** [JP/JP]; 12-30-606, Ninomiya 1-chome, Tsukuba-shi, Ibaraki 305-0051 (JP).
- (74) **TAKAHASHI, Shuichi**; 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, C12Q 1/68

(11) WO 03/095648 (13) A1

(21) PCT/US03/08483

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/144,094 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NEW FLUORESCENCE BASED
BIOSENSOR
• CAPTEUR A FLUORESCENCE

(71) BOARD OF TRUSTEES OF THE UNI-
VERSITY OF ILLINOIS [US/US]; 352
Henry Administration Building, 506 W.
Wright, Urbana, IL 61801 (US).

(72) LU, Yi; 2172 Prairie Meadow Drive, Cham-
paign, IL 61822 (US). LIU, Juewen; 1009 W.
Stoughton Street, Urbana, IL 61801 (US).

(74) RAUCH, Paul, E.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
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 C12N 15/52, 15/63, C07K 14/21

(11) WO 03/095649 (13) A1

(21) PCT/CN02/00539

(22) 5 Aug/août 2002 (05.08.2002)

(25) zh (26) zh

(30) 02117647.7 10 May/mai 2002 CN
(10.05.2002)

(30) 02117991.3 28 May/mai 2002 CN
(28.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOBEL GLYPHOSATE-TOLER-
ANT 5-ENOLPYRUVYLSHIKI-
MATE-3-PHOSPHA SYNTHASE AND
GENE ENCODING IT
• ENOLPYRUVYLSHIKIMATE-3-PHOS-
PHATE TOLERANT LE GLYPHOSATE
ET GENE CODANT POUR ELLE

(71) PEKING UNIVERSITY [CN/CN]; No. 5,
Yiheyuan Road, Haidian District, Beijing
100871 (CN).
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les États désignés sauf US)

(72, 75) SUN, Yicheng [CN/CN]; No. 5, Yi-
heyuan Road, Haidian District, Beijing
100871 (CN). CHEN, Yancheng [CN/CN];
No. 5, Yiheyuan Road, Haidian District, Bei-
jing 100871 (CN). LI, Fengmei [CN/CN];
No. 5, Yiheyuan Road, Haidian District, Bei-
jing 100871 (CN). TIAN, Zhexian [CN/CN];
No. 5, Yiheyuan Road, Haidian District, Bei-
jing 100871 (CN). LIN, Min [CN/CN]; No.
5, Yiheyuan Road, Haidian District, Beijing
100871 (CN). WANG, Yiping [CN/CN]; No.
5, Yiheyuan Road, Haidian District, Beijing
100871 (CN).

(74) LIU, SHEN & ASSOCIATES; A0601,
Huibin Building, Chaoyang District, 8 Be-
ichen Dong Street, 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 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 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 C12N 15/53, 9/02, C12Q 1/68, C12N 5/10,
G01N 33/50, A61K 48/00

(11) WO 03/095650 (13) A1

(21) PCT/EP03/04819

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,412 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HUMAN PROLYL 4-HYDROXYLASE
• PROLYL 4-HYDROXYLASE HU-
MAINE

(71) BAYER AKTIENGESSELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SMITH, Timothy, J. [US/US]; 238
Charles Street, Cambridge, MA 02139 (US).

(74) BAYER AKTIENGESSELLSCHAFT;
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
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 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 15/54, 15/60, 9/12, 9/88, 1/21, C12P
7/42

(11) WO 03/095651 (13) A1

(21) PCT/JP03/05765

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-135073 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING MEVAL-
ONIC ACID
• PROCEDE DE PRODUCTION D'ACIDE
MEVALONIQUE

(71) KYOWA HAKKO KOGYO CO., LTD.
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiyo-
da-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TABATA, Kazuhiko [JP/JP]; c/o Tech-
nical Research Laboratories, Kyowa Hakko
Kogyo Co., Ltd., 1-1, Kyowa-cho, Hofu-shi,
Yamaguchi 747-8522 (JP). HASHIMOTO,
Shin-ichi [JP/JP]; c/o Technical Research
Laboratories, Kyowa Hakko Kogyo Co.,
Ltd., 1-1, Kyowa-cho, Hofu-shi, Yamaguchi
747-8522 (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 15/63, 15/85

(11) WO 03/095652 (13) A2

(21) PCT/EP03/04835

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 02010488.1 8 May/mai 2002 EP
(08.05.2002)

(30) 02016849.8 **29 Jul/juillet 2002** EP
(29.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXPRESSION CONSTRUCTS FOR PRODUCING DOUBLE-STRANDED (DS) RNA AND THE USE THEREOF

• PRODUITS DE RECOMBINAISON D'EXPRESSION UTILISES POUR PRODUIRE DES ARN BICATENAIRES A BRIN DOUBLE ET LEUR UTILISATION

(71) XANTOS BIOMEDICINE AG [DE/DE]; Max-Lebsche-Platz 31, 81377 München (DE).

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(72, 75) LIEBETRAU, Wolfgang [DE/DE]; Michelbeckstr. 2, 82377 Penzberg (DE). LINK, Dieter [DE/DE]; Gallileistr. 4, 82152 Martinsried (DE).

(74) VOSSIUS & PARTNER; Siebertstr. 4, 81675 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) C12N 15/81, 1/19

(11) WO 03/095653 (13) A1

(21) PCT/EP03/04844

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 894.8 **10 May/mai 2002** DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROMOTERS HAVING A MODIFIED TRANSCRIPTION EFFICIENCY AND DERIVED FROM METHYL TROPHIC YEAST

• PROMOTEURS À EFFICACITÉ DE TRANSCRIPTION MODIFIÉE, DÉRIVÉS DE LEVURE MÉTHYLOTROPHE
<I>HANSELUNA POLYMORPHA</I>

(71) RHEIN BIOTECH GESELLSCHAFT FÜR NEUE BIOTECHNOLOGISCHE PROZESSE UND PRODUKTE MBH [DE/DE]; Eichsfelder Strasse 11, 40595 Düsseldorf (DE).

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

(72, 75) SUCKOW, Manfred [DE/DE]; Urdenbacher Dorfstrasse 35, 40593 Düsseldorf (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/82

(11) WO 03/095654 (13) A2

(21) PCT/DE03/01512

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 224.4 **13 May/mai 2002** DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING A TRANSGENIC PLANT HAVING MODIFIED TRANSPORT OF SUBSTANCES
• PROCEDE DE FABRICATION D'UNE PLANTE TRANSGENIQUE PRESENTANT UN TRANSPORT DE MATIERE MODIFIE

(71, 72) FROMMER, Wolf-Bernd [DE/DE]; Im Rotbad 18, 72076 Tübingen (DE).

(72, 75) TEGEDER, Mechthild [DE/US]; 240 SW Blaine Street, WA 99163 Pullman (DE). HIRNER, Axel [DE/DE]; Kreuzberg 10a, 72070 Tübingen (DE). KOCH, Wolfgang [DE/DE]; Veigelweg 3, 72127 Kusterdingen-Wankheim (DE).

(74) POHL, Manfred; Kirchenhang 32 b, 21073 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 C12N 15/82

(11) WO 03/095655 (13) A2

(21) PCT/EP03/04711

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 753.4 **8 May/mai 2002** DE
(08.05.2002)

(30) 102 26 413.9 **13 Jun/juin 2002** DE
(13.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR INCREASING OIL CONTENT IN PLANTS

• PROCEDE POUR AUGMENTER LA TENUE EN HUILE DANS DES VEGETAUX

(71) BASF PLANT SCIENCE GMBH [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) RENZ, Andreas [DE/DE]; Heinrich-von-Kleist-Str.6, 67117 Limburgerhof (DE). BAUER, Jörg [DE/DE]; Friedrich-Profit-Str.56, 67063 Ludwigshafen (DE). STITT NIGEL, Marc [GB/DE]; Grosse Weinmeisterstr. 22a, 14469 Potsdam (DE). ZRENNER, Rita, Maria [DE/DE]; Storchenhof 6, 14476 Golm (DE). GEIGENBERGER, Peter [DE/DE]; Quantzstr. 12, 14129 Berlin (DE). VIGEOLAS, Helene [FR/DE]; Am alten Mörtelwerk 14, 14469 Potsdam (DE).

(74) PRESSLER, Uwe; 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).

(51)⁷ C12N 15/86, C07K 14/065, A61K 35/76, 39/00, C12N 5/10

(11) WO 03/095656 (13) A1

(21) PCT/EP03/04991

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 411.5 **14 May/mai 2002** DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECOMBINANT FOWLPOX VIRUS

• VIRUS DE VARIOLE AVIAIRE RECOMBINANT

(71) GSF-FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT, GMBH [DE/DE]; 80807 München (DE).

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(72, 75) BAIER, Robert [DE/DE]; Am Stichgartl 19, 85764 Oberschleissheim (DE). BOULANGER, Denise [DE/DE]; Roemerstrasse 7, 85457 Hoerlkofen (DE). ERLFE, Volker [DE/DE]; Laplacestrasse 4, 81679 München (DE). SUTTER, Gerd [DE/DE]; Unertlstrasse 4, 80803 München (DE).

(74) BEHNISCH, Werner; PAc Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 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).

(51)⁷ C12N 15/87, 13/00, A61K 48/00, 47/00,
G01N 33/50

(11) WO 03/095657 (13) A2

(21) PCT/DE03/01483

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 491.3 14 May/mai 2002 DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICALLY VARIABLE ELEMENT
• ELEMENT OPTIQUEMENT VA-
RIABLE

(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) SCHILLING, Andreas [DE/CH];
Flurstrasse 20, CH-6332 Hagendorn (CH).
TOMPKIN, Wayne, Robert [US/CH];
Oesterliwaldweg 2, CH-5400 Baden (CH).
STAUB, René [CH/CH]; Hofmatt 24,
CH-6332 Hagendorn (CH).

(74) ZINSINGER, Norbert; Louis . Pöhlau .
Lohrentz, 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
MY NZ NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 15/90 // 15/75

(11) WO 03/095658 (13) A1

(21) PCT/DK03/00301

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PA 2002 00682 7 May/mai 2002 DK
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOMOLOGOUS RECOMBINATION
INTO BACTERIUM FOR THE GEN-
ERATION OF POLYNUCLEOTIDE
LIBRARIES

• RECOMBINAISON HOMOLOGUE EN
BACTERIE POUR PRODUIRE DES

BIBLIOTHEQUES DE POLYNUCLEO-
TIDES

(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) BJØRNVAD, Mads, Eskelund
[DK/DK]; Dr. Abildgaards Allé 8, 3th,
DK-1955 Frederiksberg (DK). JØR-
GENSEN, Per, Linå [DK/DK]; Dr. Tvær-
gade 37, I., DK-1302 Copenhagen K (DK).
HANSEN, Peter, Kamp [DK/DK]; Store
Stensager 22, DK-4320 Lejre (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 C12P 7/56, C12N 9/26, 9/44, C12R 1/07

(11) WO 03/095659 (13) A1

(21) PCT/EP03/50159

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 02076954.3 14 May/mai 2002 EP
(14.05.2002)

(30) 02077648.0 10 Jun/juin 2002 EP
(10.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE PRODUCTION OF
LACTIC ACID OR A SALT THEREOF
BY SIMULTANEOUS SACCHARIFI-
CATION AND FERMENTATION OF
STARCH

• PROCEDE DE PRODUCTION D'ACIDE
LACTIQUE OU D'UN SEL CORRES-
PONDANT PAR FERMENTATION ET
SACCHARIFICATION SIMULTANEE
D'AMIDON

(71) PURAC BIOCHEM B.V. [NL/NL];
Arkelsedijk 46, NL-4200 AA Gorinchem
(NL).

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

(72, 75) OTTO, Roel [NL/NL]; Kalkhoven 68,
NL-4201 BC Gorinchem (NL).

(74) BEETZ, Tom et al. / etc.; De Vries & Met-
man, Overschiestraat 180, NL-1062 XK Am-
sterdam (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 C12P 19/30, C12N 15/09

(11) WO 03/095660 (13) A1

(21) PCT/JP03/05764

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-132917 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING CYTI-
DINE 5'-DIPHOSPHATE CHOLINE
• PROCEDE DE PRODUCTION DE CYTI-
DINE 5'-DIPHOSPHATE CHOLINE

(71) KYOWA HAKKO KOGYO CO., LTD.
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiyo-
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les États désignés sauf US)

(72, 75) HASHIMOTO, Shin-ichi [JP/JP]; c/o
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Hakko Kogyo Co., Ltd., 1-1, Kyowa-cho,
Hofu-shi, Yamaguchi 747-8522 (JP). ODA,
Hideki [JP/JP]; c/o Technical Research Labo-
ratories, Kyowa Hakko Kogyo Co., Ltd., 1-1,
Kyowa-cho, Hofu-shi, Yamaguchi 747-8522
(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 C12P 21/00

(11) WO 03/095661 (13) A1

(21) PCT/JP03/05656

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-138828 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LYOPHILIZED PREPARATION FOR
SYNTHESIS OF CELL-FREE PROTEIN
• PREPARATION LYOPHILISEE DESTI-
NEE A LA SYNTHÈSE D'UNE PRO-
TEINE ACCELLULAIRE

(71, 72) ENDO, Yaeta [JP/JP]; 478-17, Kuman-
odai, Matsuyama-shi, Ehime 791-8016 (JP).

(72, 75) OGASAWARA, Tomio [JP/JP]; 1433-2,
Kamimitani, Iyo-shi, Ehime 799-3104 (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).

(51)⁷ C12Q

(11) WO 03/095662 (13) A2

(21) PCT/EP03/04793

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210535.1 8 May/mai 2002 GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PIN COATED ASSAY

• ANALYSE FAISANT APPEL A DES TIGES REVETUES

(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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(72, 75) CARBALLIDO HERRERA, José, M. [ES/AT]; Woebergasse 27, A-1235 Wien (AT). DE VRIES, Jan, E. [NL/AT]; Neue Welt Gasse 16/1, A-1130 Wien (AT). KUND, Juliana [AT/AT]; Promenadegasse 29, A-2391 Kaltenleutgeben (AT).

(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).

(51)⁷ C12Q

(11) WO 03/095663 (13) A2

(21) PCT/US03/14343

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,706 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODIFIED T LYMPHOCYTES AND USES THEREFOR

• LYMPHOCYTES T MODIFIES ET LEURS UTILISATIONS

(71) THE CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US). THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

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(72, 75) NIEDERMAN, Thomas, M., J. [US/US]; 3606 South Ocean Boulevard, Apt. 405, Highland Beach, FL 33487 (US). GHOGAWALA, Zoher [US/US]; 134 Butternut Hollow, Greenwich, CT 06830 (US). CARTER, Bob, S. [US/US]; 17 Broad Street, Belmont, MA 02478 (US). MULLIGAN, Richard, C. [US/US]; 2 Sandy Pond Road, Lincoln, MA 01773 (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 C12Q

(11) WO 03/095664 (13) A2

(21) PCT/US03/14556

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,092 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PYROPHOSPHOROLYSIS ACTIVATED POLYMERIZATION (PAP)

• POLYMERISATION ACTIVEE PAR PYROPHOSPHOROLYSE (PAP)

(71) CITY OF HOPE [US/US]; 1500 East Duarte Road, Duarte, CA 91010 (US).

(72) LIU, Qiang; 139 Genoa Street, Arcadia, CA 91006 (US). SOMMER, Steve, S.; 487 Wedgewood Court, Duarte, CA 91010 (US). RIGGS, Arthur, D.; 4852 St. Andres Avenue, La Verne, CA 91750 (US).

(74) FIGG, E., Anthony 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 C12Q

(11) WO 03/095665 (13) A2

(21) PCT/US03/14822

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/380,321 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PREPARATION OF CYCLIC PRODRUGS OF PMEA AND PMPA

• PROCEDE D'ELABORATION DE PRO-MEDICAMENTS CYCLIQUES DE PMEA ET DE PMPA

(71) METABASIS THERAPEUTICS, INC. [US/US]; 9390 Towne Centre Drive, San Diego, CA 92121 (US).

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(72, 75) KOPCHO, Joseph J. [US/US]; 1216 Redwood Street, San Diego, CA 92103 (US). REDDY, K. Raja [US/US]; 4146 Federman Lane, San Diego, CA 92130 (US). MATELICH, Michael C. [US/US]; 11824-1 Cypress Canyon Road, San Diego, CA 92131 (US). UGARKAR, Bheemaroo G. [US/US]; 3821 Azalea Glen, Escondido, CA 92025 (US).

(74) BUSH, Diana L.; Paul, Hastings, Janofsky & Walker LLP, P.O. Box 919092, San Diego, CA 92191-9092 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095666 (13) A2

(21) PCT/US03/15362

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,006 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OLIGONUCLEOTIDE PROBES FOR IN VITRO, IN VIVO AND INTRACELLULAR DETECTION

• SONDAS OLIGONUCLEOTIDIQUES POUR DETECTION INTRACELLULAIRE IN VITRO ET IN VIVO

(63) US 60/378,006 (CIP) 13 May/mai 2002 (13.05.2002)

(71) **NANOCYTOTOMETRY CORPORATION** [US/US]; 258 Midland Avenue, Montclair, NJ 07042 (US).

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

(72, 75) **LYLES, Frank, E.** [US/US]; Suite 611, 515 John Muir Drive, San Francisco, CA 94132 (US).

(74) **MCCONOUGHIEY, David, M.**; Stoll, Miskin & Badie, Suite 4710, 350 Fifth Avenue, New York, NY 10118-4710 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C12Q 1/00

(11) WO 03/095667 (13) A2

(21) PCT/IB03/02419

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,904 13 May/mai 2002 US (13.05.2002)

(30) 60/429,609 27 Nov/nov 2002 US (27.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOIMMUNE CONDITIONS AND NADPH OXIDASE DEFECTS

• MALADIES AUTO-IMMUNES ET DEFICIENCES DE NADPH OXYDASE

(71) **AREXIS AB** [SE/SE]; Arvid Wallgrens Backe, S-413 46 Göteborg (SE).

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(72, 75) **HOLMDAHL, Rikard** [SE/SE]; Siriusgatan 2, S-224 57 Lund (SE). **OLOFSSON, Peter** [SE/SE]; Kulgränden 11D, S-226 49 Lund (SE).

(74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (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 C12Q 1/00, 1/02, G01N 1/30, 33/48

(11) WO 03/095668 (13) A1

(21) PCT/US03/14614

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,126 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • QUALITY ASSAYS FOR ANTIGEN PRESENTING CELLS

• DOSAGES QUALITATIFS POUR DES CELLULES DE PRESENTATION D'ANTIGENES

(71) **NORTHWEST BIOTHERAPEUTICS, INC.** [US/US]; 21720 23rd Drive, S.E., Suite 100, Bothell, WA 98021 (US).

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(72, 75) **SHANKAR, V. Gopi** [IN/US]; 21315 10th Place West, Lynnwood, WA 98036 (US). **LODGE, Patricia, Anne** [US/US]; 10332 21st Avenue W., Everett, WA 98204 (US). **BRUNELLE, Alan, Norman** [US/US]; 14104 194th Avenue N.E., Woodinville, WA 98072 (US).

(74) **POOR, Brian W.**, et al. / etc.; TOWNSEND and TOWNSEND and CREW, LLC, 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).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12Q 1/00, G01N 33/543, C12M 1/40, G01N 33/68, 27/327

(11) WO 03/095669 (13) A1

(21) PCT/US03/14797

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,527 10 May/mai 2002 US (10.05.2002)

(30) 60/450,930 28 Feb/fév 2003 US (28.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STOCHASTIC SENSING THROUGH COVALENT INTERACTIONS

• DETECTION STOCHASTIQUE PAR INTERACTIONS COVALENTES

(71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; Technology Licensing Office, Mail Stop 3369, College Station, TX 77843 (US).

(72) **HAGAN, Bayley**; 1800 Springbrook Drive, College Station, TX 77845 (US). **SHIN, Seong-Ho**; 501 Boyette, Apartment H, College Station, TX 77840 (US). **LUCHIAN, Tudor**; 505 Harvey Road, #19, College Station, TX 77840 (US). **CHELEY, Stephen**; 3909 Old Oaks, Bryan, TX 77802 (US).

(74) **WILLIAMS, Bradley, P.**; Baker Botts L.L.P., Suite 600, 2001 Ross Avenue, Dallas, TX 75201 (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 C12Q 1/37, C12N 9/50, 9/60

(11) WO 03/095670 (13) A2

(21) PCT/EP03/04864

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 02010576.3 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PROCESS FOR GENERATING SEQUENCE-SPECIFIC PROTEASES BY DIRECTED EVOLUTION AND USE THEREOF

• PROCEDE DE PRODUCTION DE PROTEASES A SEQUENCES SPECIFIQUES PAR EVOLUTION DIRIGEE ET UTILISATION DE CELLES-CI

- (71) DIREVO BIOTECH AG [DE/DE]; Nattermannallee 1, 50829 Köln (DE).

- (72) KOLTERMANN, André; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). KETTLING, Ulrich; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). HAUPTS, Ulrich; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). TEBBE, Jan; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). SCHOLZ, Peter; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). PILLING, Jens; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). WERNER, Susanne; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE). RARBACH, Markus; c/o DIREVO BIOTECH AG, Nattermannallee 1, 50829 Köln (DE).

- (74) HELBING, Jörg et al. / etc.; Patentanwälte, Von Kreisler Selting Werner, 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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 03/095671 (13) A1

(21) PCT/CN03/00330

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 2,385,194 7 May/mai 2002 CA (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD OF DIAGNOSIS AND TREATMENT FOR AFFECTIVE DISORDERS

• PROCEDE DE DIAGNOSTIC ET DE TRAITEMENT CONTRE DES TROUBLES AFFECTIFS

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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 C12Q 1/68, G01N 27/00

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(21) PCT/DE03/01413

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 21 091.8 11 May/mai 2002 DE (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SECM FOR THE DETECTION OF NUCLEIC ACID-OLIGOMER-HYBRIDIZATION EVENTS

• MICROSCOPIE ELECTROCHIMIQUE A BALAYAGE (SECM) POUR DETECTER DES HYBRIDATIONS ACIDE NUCLEIQUE-OLIGOMERE

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- (74) KRITZENBERGER & ZEUNER; Hedwigstrasse 9, 80636 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) de (26) de

(30) 102 20 935.9 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR BIOCHEMICAL ANALYSIS OF DNA AND ARRANGEMENT ASSOCIATED THEREWITH.

• PROCEDE D'ANALYSE BIOCHIMIQUE D'ADN ET DISPOSITIF ASSOCIE

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- (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 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 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 C12Q 1/68

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(25) en (26) en

(30) 60/380,708 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR EVALUATING A DISEASE CONDITION BY NUCLEIC ACID DETECTION AND FRACTIONATION

• METHODES D'EVALUATION D'UN ETAT PATHOLOGIQUE PAR LA DETECTION D'ACIDES NUCLEIQUES ET PAR FRACTIONNEMENT

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(74) DENISON, Christopher, M. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (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 C12Q 1/68

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(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 60/380,719 14 May/mai 2002 US (14.05.2002)

(30) 10/194,523 11 Jul/juil 2002 US (11.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR EVALUATING STROKE OR CARDIAC ISCHEMIA BY NUCLEIC ACID DETECTION

• PROCEDES RELATIFS AU DIAGNOSTIC D'ACCIDENT VASCULAIRE CEREBRAL OU D'ISCHEMIE CARDIAQUE PAR DETECTION D'ACIDES NUCLEIQUES

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(74) DENISON, Christopher, M. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (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 C12Q 1/68, C12N 15/09, G01N 33/53

(11) WO 03/095676 (13) A1

(21) PCT/JP03/05835

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja
(30) 2002-134386 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF DETECTING GENE EXPRESSION AND KIT AND APPARATUS TO BE USED THEREIN

• PROCEDE DE DETECTION D'EXPRESSION GENIQUE, NECESSAIRE ET APPAREIL UTILISES EN ASSOCIATION

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-0073 (JP).
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(72, 75) OGAWA, Motoyuki [JP/JP]; c/o Keio University School of Medicine, 35 Shinano-machi, Shinjuku-ku, Tokyo 160-8582 (JP). HIRAOA, Yoshiki [JP/JP]; c/o Keio

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(74) ISSHIKI & CO.; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095677 (13) A1

(21) PCT/KR03/00923

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-0025634 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025569 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025583 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025580 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025579 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025566 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025687 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025562 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025567 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025561 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0025582 9 May/mai 2002 KR (09.05.2002)

(30) 10-2002-0051054 28 Aug/août 2002 KR (28.08.2002)

(30) 10-2003-0005082 25 Jan/jan 2003 KR (25.01.2003)

(30) 10-2003-0005344 27 Jan/jan 2003 KR (27.01.2003)

(30) 10-2003-0005341 27 Jan/jan 2003 KR (27.01.2003)

(30) 10-2003-0005342 27 Jan/jan 2003 KR (27.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • NUCLEIC ACID PROBES FOR DETECTION OF NON-VIRAL ORGANISMS
- SONDES D'ACIDES NUCLEIQUES POUR LA DETECTION D'ORGANISMES NON VIRAUX

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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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(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,227 13 May/mai 2002 US (13.05.2002)

(30) 60/463,419 16 Apr/avr 2003 US (16.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LDL RECEPTOR-RELATED PROTEINS 1 AND 2 AND TREATMENT OF BONE OR CARTILAGE CONDITIONS

• PROTEINES 1 ET 2 ASSOCIEES AUX RECEPTEURS DES LIPOPROTEINES DE FAIBLE DENSITE (LDL) ET TRAITEMENT DE PATHOLOGIES OSSEUSES OU CARTILAGINEUSES

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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).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ C12Q 1/68, C12P 19/34, C12N 15/63, C07H 21/02, 21/04, A01N 43/04

(11) WO 03/095679 (13) A1

(21) PCT/US03/14409

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,140 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTISENSE MODULATION OF DYRK4 EXPRESSION

• MODULATION ANTISENS DE L'EXPRESSION DE DYRK4

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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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(25) en (26) en

(30) 10/144,179 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR THE ENRICHMENT OF LOW-ABUNDANCE POLYNUCLEOTIDES

• PROCEDES D'ENRICHISSEMENT DE POLYNUCLEOTIDES PEU ABONDANTS

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(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).

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(25) de (26) de

(30) 102 20 493.4 **7 May/mai 2002** DE
(07.05.2002)

(30) 102 31 293.1 **10 Jul/juil 2002** DE
(10.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TANNING AGENT AND CURING AGENT BASED ON DIALDEHYDES
• MATIERES TANNANTES ET AGENTS DE CONSERVATION A BASE DE DIALDEHYDES

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(72, 75) **HÜFFER, Stephan** [DE/DE]; Bauernwiesenstr 21, 67063 Ludwigshafen (DE). **PABST, Gunther** [DE/DE]; Gaussstr.12, 68165 Mannheim (DE). **TAEGER, Tilman, Lüdecke** [DE/DE]; Breslauer Str. 35, 64342 Seeheim-Jugenheim (DE). **SCHROEDER, Stefan** [DE/DE]; Untergasse 48, 67271 Neuleiningen (DE). **WOLF, Gerhard** [DE/DE]; Plankstadter Str. 11, 68775 Ketsch (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **C21B 5/04, C22B 1/24**

(11) **WO 03/095682** (13) A1

(21) PCT/SE03/00767

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 0201453-8 **10 May/mai 2002** SE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD TO IMPROVE IRON PRODUCTION RATE IN A BLAST FURNACE.

• PROCEDE DESTINE A AMELIORER LE TAUX DE PRODUCTION DE FER DANS UN HAUT FOURNEAU

(71) **LUOSSAVAARA-KIIRUNAVAARA AB** [SE/SE]; S-981 86 Kiruna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STERNELAND, Jerker** [SE/SE]; Stationsgatan 66A, S-972 34 Luleå (SE). **HOOEY, Lawrence** [CA/SE]; Höstvägen 294, S-972 34 Luleå (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).

(51)⁷ **C21D 8/12, C22C 38/02**

(11) **WO 03/095683** (13) A1

(21) PCT/EP03/04588

(22) **2 May/mai 2003 (02.05.2003)**

(25) de (26) de

(30) 102 20 282.6 **7 May/mai 2002** DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLD-ROLLED STEEL STRIP HAVING A SILICON CONTENT OF AT LEAST 3.2 WT. % AND USED FOR ELECTROMAGNETIC PURPOSES

• FEUILLARD D'ACIER LAMINE A FROID AYANT UNE TENEUR EN SI D'AU MOINS 3,2 % EN POIDS DESTINE A DES UTILISATIONS ELECTROMAGNETIQUES

(71) **THYSSENKRUPP ELECTRICAL STEEL GMBH** [DE/DE]; Altendorfer Strasse 120, 45143 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOUBAERT, Yvan** [BE/BE]; Warende 115, B-9270 Laarne (BE). **WUPPERMANN, Carl-Dieter** [DE/DE]; Deusstrasse 26 c, 47803 Krefeld (DE). **FISCHER, Olaf** [DE/DE]; Hattinger Strasse 689, 44879 Bochum (DE). **SCHNEIDER, Jürgen** [DE/DE]; Ederstrasse 26, 44807 Bochum (DE).

(74) **COHAUSZ & FLORACK (24)**; 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 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 **C21D 8/12, C22C 38/38**

(11) **WO 03/095684** (13) A1

(21) PCT/US03/05765

(22) **25 Feb/fév 2003 (25.02.2003)**

(25) en (26) en

(30) 60/378,743 **8 May/mai 2002** US
(08.05.2002)

(30) Not furnished / **19 Feb/fév 2003** US
non communiqué (19.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF CONTINUOUS CASTING NON-ORIENTED ELECTRICAL STEEL STRIP

• PROCEDE DE COULEE CONTINUE DE BANDE D'ACIER MAGNETIQUE NON ORIENTEE

(71) **AK PROPERTIES, INC.** [US/US]; Intellectual Property Section, 705 Curtis Street, Middletown, OH 45043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOEN, Jerry, W.** [US/US]; 6315 Gemstone Drive, Middletown, OH 45044 (US). **COMSTOCK, Robert, Jr.** [US/US]; 509 Southwick Place, Trenton, OH 45067 (US).

(74) **ALBAINY-JENEI, Stephen, R.**; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 **C22B 9/00, C21C 5/56, 5/52, 5/00, F27D 3/00, 3/04, 3/12, F27B 3/18**

(11) **WO 03/095685** (13) A1

(21) PCT/IB02/03658

(22) **10 May/mai 2002 (10.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SCRAP CHARGER

• CHARGEUR DE DECHETS

(71) **SMS DEMAG AG** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

(71, 72) **STERCHO, Michael, J.** [US/US]; 10110 Deer View Point, Wexford, PA 15090 (US).

(74) **POFF, Clifford, A.**; 9800B McKnight Road, Suite 115, Pittsburgh, PA 15237 (US).

(81) BR CA IN KR MX RU.

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

(51)⁷ **C22B 21/06, 9/02, 9/05, B22D 1/00**

(11) **WO 03/095686** (13) A1

(21) PCT/FR03/01399

(22) **6 May/mai 2003 (06.05.2003)**

(25) fr (26) fr

(30) 02/05867 **13 May/mai 2002** FR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR THE IN-LINE TREATMENT OF LIQUID METAL BY MEANS OF GAS AND FILTRATION

• DISPOSITIF DE TRAITEMENT EN LIGNE DE METAL LIQUIDE PAR VOIE GAZEUSE ET PAR FILTRATION

(71) PECHINEY RHENALU [FR/FR]; 7, Place du Chancelier Adenauer, F-75116 Paris (FR).
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(72, 75) CHARPENTIER, Jacques [FR/FR]; Les Ramées, F-38134 Saint Julien de Ratz (FR). CHATEAU, Jean-Marie [FR/FR]; 28, rue du 16 Août, F-38950 Saint Martin Le Vinoux (FR).

(74) MARSOLAIS, Richard; Pechiney, 217 cours Lafayette, F-69451 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 C22B 60/02, 3/04, 3/06, 3/08

(11) WO 03/095687 (13) A1

(21) PCT/AU03/00567

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) PS 2222 10 May/mai 2002 AU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OXIDATION PROCESS

• PROCEDE D'OXYDATION

(71) AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION [AU/AU]; New Illawarra Road, Lucas Heights, NSW 2234 (AU).
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(72, 75) RING, Robert, John [AU/AU]; 19 Nirimba Crescent, Heathcote, NSW 2233 (AU). COLLIER, Douglas, Edwin [AU/AU]; 14 Freeman Avenue, Oatley, NSW 2223 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095688 (13) A2

(21) PCT/US03/14438

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,430 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TAPECAST ELECTRO-CONDUCTIVE CERMETS FOR HIGH TEMPERATURE RESISTIVE HEATING SYSTEMS

• CERMETS ELECTROCONDUCTEURS MOULES SOUS FORME DE BANDES, POUR SYSTEMES DE CHAUFFAGE OHMIQUE HAUTE TEMPERATURE

(71) HARMONICS, INC [US/US]; 9524 Roosevelt Way NE, Seattle, WA 98115 (US).

(72) FERGUSON, Lucian, G.; 1521 NE 95th street, Seattle, WA 98115 (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).

(51)⁷ C22C 1/03, B22D 27/20, C22C 32/00

(11) WO 03/095689 (13) A1

(21) PCT/CA03/00715

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 2,386,334 14 May/mai 2002 CA (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GRAIN REFINING AGENT FOR CAST MAGNESIUM PRODUCTS

• AGENT D'AFFINAGE DE GRAIN POUR PRODUITS COULES EN MAGNESIUM

(71) GROUPE MINUTIA INC. [CA/CA]; 75, boul. de Mortagne, Boucherville, Québec J4B 6Y4 (CA).

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

(72, 75) BOILY, Sabin [CA/CA]; 1676, rue Labonté, Chambly, Québec J3L 5M6 (CA). ALAMDARI, Houshang, Darvishi [IR/CA]; #6-236, rue Coulange, Longueuil, Québec J4G 1V4 (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).

(51)⁷ C22C 14/00

(11) WO 03/095690 (13) A1

(21) PCT/US03/12117

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/140,884 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALPHA-BETA Ti-Al-V-Mo-Fe ALLOY

• ALLIAGE ALPHA-BETA TI-AL-V-MO-FE

(71) TITANIUM METALS CORPORATION [US/US]; P.O. Box 2128, Henderson, NV 89009 (US).

(72) KOSAKA, Yoji; 318 Pleasant Summit Drive, Henderson, NV 89102 (US). FOX, Stephen, P.; 983 Broken Reed Court, Henderson, NV 89105 (US). FANNING, John, C.; 724 Morrocco Drive, Henderson, NV 89015 (US).

(74) MULLEN, Clair, X., Jr.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1330 I Street, N.W., Washington, D.C. 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 C22C 23/02, C22F 1/06

(11) WO 03/095691 (13) A1

(21) PCT/JP03/05627

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002-135280 **10 May/mai 2002** JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MALLEABLE THIN MAGNESIUM SHEET EXCELLENT IN WORKABILITY AND METHOD FOR PRODUCTION THEREOF

• FEUILLE DE MAGNESIUM MINCE MALLEABLE PRESENTANT UNE EXCELLENTE APTITUDE AU FAÇONNAGE ET PROCÉDE DE PRODUCTION DE CETTE DERNIERE

(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) OKAMOTO, Hiroaki [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). IWANAGA, Kengo [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). SHIMIZU, Kei-ichi [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 37/10

(11) WO 03/095692 (13) A1

(21) PCT/SE03/00770

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0201431-4 **13 May/mai 2002** SE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GRAY CAST IRON ALLOY AND CAST INTERNAL COMBUSTION ENGINE COMPONENT

• ALLIAGE DE FONTE GRISE ET COMPOSANT DE MOTEUR A COMBUSTION INTERNE MOULE

(71) SCANIA CB AB (PUBL) [SE/SE]; s-151 87 Södertälje (SE).

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(72, 75) PENTTINEN, Martti [SE/SE]; Bredviks gård, S-155 94 Nykvarn (SE). BJÖRKLIND, Tobias [SE/SE]; Katrinelund, S-153 92 Hölö (SE). BJÖRKMÄN, Carl [SE/SE]; Moränstigen 6, S-647 31 Mariefred (SE).

(74) EGRELIUS, Fredrik; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 38/58, C21D 8/06

(11) WO 03/095693 (13) A1

(21) PCT/JP02/04493

(22) 8 May/mai 2002 (08.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH STRENGTH STAINLESS STEEL WIRE EXCELLENT IN DUCTILITY-TOUGHNESS AND MODULUS OF RIGIDITY AND METHOD FOR PRODUCTION THEREOF

• FIL D'ACIER INOXYDABLE TRES SOLIDE AUX BONNES QUALITES DE TENACITE A LA DUCTILITE ET MODULE DE RIGIDITE, ET PROCÉDE DE PRODUCTION

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). NIPPON SEISEN CO., LTD. [JP/JP]; 1-1, Kourabashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).

(72) TAKANO, Koji; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). TAKEUCHI, Kazuhisa; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). TADA, Yoshinori; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). TANIMOTO, Yoshinori; C/O NIPPON SEISEN CO., LTD. Hirakata-Koujou, 17-1, Ikenomiya 4-chome, Hirakata-shi, Osaka 573-8522 (JP). AKIZUKI, Takayuki; C/O NIPPON SEISEN CO., LTD. Hirakata-Koujou, 17-1, Ikenomiya 4-chome, Hirakata-shi, Osaka 573-8522 (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 JP KR.

(51)⁷ C23C

(11) WO 03/095694 (13) A2

(21) PCT/EP03/04822

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 202 07 446.3 **11 May/mai 2002** DE
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COATING DEVICE

• DISPOSITIF DE REVETEMENT

(71) BAND-ZINK GMBH [DE/DE]; Industries-trasse 59, 40764 Langenfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLÄTZER, Wilfried [DE/DE]; An der Andreaskirche 2, 47809 Krefeld (DE). SCHMIDT, Ernst-Werner [DE/DE]; Trompeterstrasse 28, 40764 Langenfeld (DE). KONSCHESCHI, Alireza [DE/DE]; Wieselweg 28, 50859 Köln (DE). BECKER, P., Klaus [DE/DE]; Stenderhof 7, 46569 Hünxe (DE).

(74) SELTING, Günther et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 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 RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095695 (13) A2

(21) PCT/US03/14066

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/377,620 **6 May/mai 2002** US
(06.05.2002)

(30) 60/431,192 **6 Dec/déc 2002** US
(06.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPUTTER COATING APPARATUS INCLUDING ION BEAM SOURCE(S), AND CORRESPONDING METHOD

• APPAREIL DE REVETEMENT PAR PULVERISATION COMPRENANT UNE OU PLUSIEURS SOURCES DE FAISCEAUX IONIQUES, ET PROCÉDE CORRESPONDANT

(71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).

(72) THOMSEN, Scott, V.; 4598 Windswept Drive, Milford, MI 48380 (US). WALTON, Hugh, A.; 6799 Country Lane Drive, Davisburg, MI 48350 (US).

(74) RHOA, Joseph, A.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 8/38, 8/36, C23G 5/00

(11) WO 03/095696 (13) A2

(21) PCT/FR03/01424

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 0205926 14 May/mai 2002 FR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR ELIMINATING OXIDE(S) PRESENT ON THE SURFACE OF A METAL MATERIAL AND FOR RESTORING AN OXIDE LAYER OF SAID SURFACE

• PROCEDE ET DISPOSITIF D'ELIMINATION DU OU DES OXYDES PRESENTS A LA SURFACE D'UN MATERIAU METALLIQUE ET DE RECONSTITUTION D'UNE COUCHE D'OXYDES SUR LADITE SURFACE

(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) BELMONTE, Thierry [FR/FR]; 26 rue Jean Jaurès, F-54230 NEUVES-MAISONS (FR). CZERWIEC, Thierry [FR/FR]; 32, rue Pierre et Marie Curie, F-54140 VARANGEVILLE (FR). THIEBAUT, Jean-Marie [FR/FR]; 6 rue Saint-Exupéry, F-54180 HELLICOURT (FR). MICHEL, Henri [FR/FR]; 63, rue Charles Gounod, F-54500 VANDOEUVRE (FR).

(74) NEYRET, Daniel 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).

(51)⁷ C23C 08/20, C21D 01/09

(11) WO 03/095697 (13) A1

(21) PCT/US03/13037

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/140,239 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR MANUFACTURING CLAD COMPONENTS

• PROCEDE DE FABRICATION DE COMPOSANTS ENROBES

(71, 72) HUANG, Xiaodi [US/US]; 406 Second Street, Houghton, MI 49931 (US).

(74) SIEGEL, Timothy, E.; 1868 Knapps Alley, Suite 206, West Linn, OR 97068-4644 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 14/00

(11) WO 03/095698 (13) A2

(21) PCT/DE03/01524

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 21 816.1 10 May/mai 2002 DE (10.05.2002)

(30) 102 28 925.5 25 Jun/juin 2002 DE (25.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR THE ELECTRON BEAM ATTENUATION OF REACTIVELY FORMED LAYERS ON SUBSTRATES

• DISPOSITIF ET PROCEDE DE METALLISATION SOUS VIDE PAR FAISCEAU ELECTRONIQUE DE COUCHES FORMEES DE MANIERE REACTIVE SUR DES SUBSTRATS

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Hansastrasse 27c, 80686 München (DE).

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(72, 75) ZIMMER, Otmar [DE/DE]; Mob-schatzer Str. 34, 01157 Dresden (DE). SIEMROTH, Peter [DE/DE]; Holunderweg 14 b, 01099 Dresden (DE). SCHULTRICH, Bernd [DE/DE]; Zamenhofstrasse 9, 01257 Dresden (DE). SCHENK, Steffen [DE/DE]; Am Weissen Adler 14, 01324 Dresden (DE). SEYFERT, Ulf [DE/DE]; Oybiner Str. 34, 01324 Dresden (DE). HECHT, Christian [DE/DE]; Nordstrasse 13 a, 01689 Weinböhla (DE). REINHOLD, Ekkehart [DE/DE]; Neulussheimer Strasse 43, 01465 Langebrück (DE). SCHUHMACHER, Bernd [DE/DE]; An Der Füllkühle 11a, 44227 Dortmund (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Gostritzer Strasse 61-63, 01217 Dresden (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) EP (AT BE 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 14/22

(11) WO 03/095699 (13) A1

(21) PCT/US03/14124

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED ENHANCED COATING

• REVETEMENT AMELIORE ASSISTE PAR PLASMA

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 1300 I Street, NW, 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).

(51)⁷ C23C 14/32, 16/18, H01J 27/24, 37/08, 37/317

(11) WO 03/095700 (13) A1

(21) PCT/JP03/05595

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-135538 10 May/mai 2002 JP (10.05.2002)

(30) 2002-336072 20 Nov/nov 2002 JP (20.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR HIGH PURITY PURIFICATION OF HIGH FUNCTIONAL MATERIAL AND METHOD FOR DEPOSITION OF HIGH FUNCTIONAL

MATERIAL BY MASS SEPARATION METHOD

- PROCEDE DE PURIFICATION A UN DEGRE ELEVE DE MATIERE HAUTEMENT FONCTIONNELLE ET PROCEDE DE DEPOT D'UNE MATIERE HAUTEMENT FONCTIONNELLE PAR PROCEDE DE SEPARATION DE MASSES
- (71) **UMK TECHNOLOGIES CO., LTD.** [JP/JP]; 66, Aza-Butai, Sawada, Furukawa-shi, Miyagi 989-6232 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MORI, Nobuyuki** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **USHIDA, Takashi** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **KAMIJO, Yoshimi** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **NAKAJIMA, Ko** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **OKAZAKI, Akihiro** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **MITSUZUKA, Akira** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **TAKOSHIMA, Takehiro** [JP/JP]; c/o UMK TECHNOLOGIES Co., Ltd., 66, Aza-Butai Sawada, Furukawa-shi, Miyagi 989-6232 (JP). **MIKAMI, Naohiko** [JP/JP]; 10-5, Higashisendai 6-chome, Miyagino-ku, Sendai-shi, Miyagi 983-0833 (JP).
- (74) **IRIMAJIRI, Takao**; RENE GYOEN PLAZA, 24, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (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).
-
- (51)⁷ C23C 16/18, C07F 1/08, C07C 249/02, 249/16, 251/78, 251/16, 251/12
- (11) WO 03/095701 (13) A1
- (21) PCT/US03/01846
- (22) 17 Jan/jan 2003 (17.01.2003)
- (25) en (26) en
- (30) 60/349,639 18 Jan/jan 2002 US (18.01.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • VOLATILE COPPER(II) COMPLEXES FOR DEPOSITION OF COPPER FILMS BY ATOMIC LAYER DEPOSITION
- COMPLEXES DE CUIVRE (II) VOLATILS DESTINES AU DEPOT DE FILMS DE CUIVRE PAR DEPOT PAR COUCHE ATOMIQUE
- (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) **BRADLEY, Alexander, Zak** [US/US]; 174 Bridge Street, Drexel Hill, PA 19026 (US). **THORN, David, Lincoln** [US/US]; 840 Folly Hill Road, West Chester, PA 19382

(US). **THOMPSON, Jeffery, Scott** [US/US]; 98 Cambridge Drive, Wilmington, DE 19803 (US).

(74) **SIEGELL, Barbara, C.**; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 1007 Market Street, Wilmington, DE 19898 (US).

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

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

(u) for / pour US only / seulement

(51)⁷ C23C 16/30

(11) WO 03/095702 (13) A2

(21) PCT/US03/14272

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,799 8 May/mai 2002 US (08.05.2002)

(30) 10/302,375 22 Nov/nov 2002 US (22.11.2002)

(30) 10/302,393 22 Nov/nov 2002 US (22.11.2002)

(30) 10/409,887 8 Apr/avr 2003 US (08.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR CURING LOW DIELECTRIC CONSTANT FILM BY ELECTRON BEAM

- PROCEDE DE TRAITEMENT DE COUCHE DE CONSTANCE DIELECTRIQUE PAR FAISCEAU ELECTRONIQUE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **MOGHADAM, Farhad, D.**; 15440 Via Colina Drive, Saratoga, CA 95070 (US). **ZHAO, Jun**; 11764 Ridge Creek Court, Cupertino, CA 95014 (US). **WEIDMAN, Timothy**; 776 Henderson Avenue, Sunnyvale, CA 94086 (US). **ROBERTS, Rick, J.**; P.O. Box 70817, Sunnyvale, CA 94086 (US). **XIA,**

Li-Qun; 868 Leith Avenue, Santa Clara, CA 95054 (US). **DEMOS, Alexandros, T.**; 409 Pine Ridge Drive, San Ramon, CA 94583 (US). **ZHU, Wen, H.**; 1580 Ontario Drive, #7, Sunnyvale, CA 94087 (US). **HUANG, Tzu-Fang**; 5431 Ligurian Drive, San Jose, CA 95138 (US). **LI, Lihua**; 2866 Parkrow Lane, San Jose, CA 95132 (US). **YIEH, Ellie, Y.**; 5888 Pistola Way, San Jose, CA 95138 (US). **ZHENG, Yi**; 774 Nevin Way, San Jose, CA 95128 (US). **NEMANI, Srinivas, D.**; 880 Fremond Ave., #639, Sunnyvale, CA 94087 (US). **HOLLAR, Eric**; 21702 Lindy Lane, Cupertino, CA 95014 (US). **YIM, Kang, Sub**; 1600 Villa Street #103, Mountain View, CA 94041 (US). **NGUYEN, Son, Van**; 16075 Blossom Hill Road, Los Gatos, CA 95032 (US). **D'CRUZ, Lester, A.**; 2339 Tulip Road, San Jose, CA 95128 (US). **KIM, Troy**; 728 Calderon Ave., SA, Mountain View, CA 94041 (US). **SUGIARTO, Dian**; 966 Cascade Drive, Sunnyvale, CA 94097 (US). **LEE, Peter, Wai-Man**; 1037 Bientoak Lane, San Jose, CA 95129 (US). **M'SAAD, Hichem**; 3500 Granada Ave., #364, Santa Clara, CA 95051 (US). **TAM, Melissa, M.**; 38768 Stillwater Common, Fremont, CA 94536 (US).

(74) **PATTERSON, B., Todd et al.** / etc.; Moser, Patterson & Sheridan, LLP, 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 C23F 4/00

(11) WO 03/095703 (13) A1

(21) PCT/JP03/05304

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(30) 2002-131442 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ZnSe DIFFRACTION TYPE OPTICAL COMPONENT AND METHOD FOR FABRICATING THE SAME

- COMPOSANT OPTIQUE DU TYPE A DIFFRACTION A BASE DE ZNSE ET PROCEDE DE FABRICATION

(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) **KURISU, Kenichi** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). **OKADA, Takeshi** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(74) **NAKANO, Minoru et al.** / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (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 KE KG KP KR KZ LC

- LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **C23G 5/00**
(11) **WO 03/095704** (13) A1
(21) PCT/JP03/05758
(22) **8 May/mai 2003 (08.05.2003)**
(25) ja (26) ja
(30) 2002-136789 **13 May/mai 2002 JP**
(13.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • DESCALING METHOD AND DESCAL-
ING APPARATUS
• PROCEDE ET APPAREIL DE DETAR-
TRAGE
(71) **ROYAL KIKI CO., LTD.** [JP/JP]; Shin-
juku Taguchi Bldg., 7-5, Yoyogi 2-chome,
Shibuya-ku, Tokyo 151-0053 (JP). **MEA-
SUREMENT TECHNICAL LABO-
RATORY CO., LTD.** [JP/JP]; Tanno
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(72, 75) **TSUBOI, Kiyoshi** [JP/JP]; 8-4, Sakai
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Yanokuchi, Inagi-shi, Tokyo 206-0812 (JP).
SUGAWARA, Tsuneo [JP/JP]; 8-12, Nishi-
ayase 1-chome, Adachi-ku, Tokyo 120-0005
(JP).
(74) **SATOH, Masami**; Shino Bldg. 8th Floor,
12-1, Nishishinjuku 8-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 **C25B 11/03**
(11) **WO 03/095705** (13) A1
(21) PCT/CA02/00697
(22) **13 May/mai 2002 (13.05.2002)**
(25) en (26) en
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • BIFURCATED ELECTRODE OF USE IN
ELECTROLYTIC CELLS
• ELECTRODE DIVISEE S'UTILISANT
DANS DES CELLULES ELECTROLY-
TIQUES

- (71, 72) **KIRK, Donald, W.** [CA/CA]; University
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(74) **BARLOW, Brian, C.**; Aird & Berlis, 627
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5Z7 (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 US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM 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 **C25D 1/00**
(11) **WO 03/095706** (13) A2
(21) PCT/US03/14659
(22) **7 May/mai 2003 (07.05.2003)**
(25) en (26) en
(30) 60/379,182 **7 May/mai 2002 US**
(07.05.2002)
(30) 60/430,809 **2 Dec/déc 2002 US**
(02.12.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • ELECTROCHEMICALLY FABRI-
CATED HERMETICALLY SEALED
MICROSTRUCTURES AND METHODS
OF AND APPARATUS FOR PRODUC-
ING SUCH STRUCTURES
• MICROSTRUCTURES FERMEES HER-
METIQUEMENT FABRIQUEES ELEC-
TROCHIMIQUEMENT, PROCEDES ET
APPAREIL DE PRODUCTION DES
DITES STRUCTURES
(71) **MEMGEN CORPORATION** [US/US];
1103 W. Isabel Street, Burbank, CA 91506
(US).
(72) **COHEN, Adam, L.**; 9537 Kirkside Road,
Los Angeles, CA 90035 (US). **LOCKARD,
Michael, S.**; 15152 Bluffon Street, Lake Eliz-
abeth, CA 93532 (US). **SMALLEY, Dennis,
R.**; 23524 Maple Street, Newhall, CA 91321
(US). **ARAT, Vacit**; 4093 Robin Hill Road,
La Canada Flintridge, CA 91011 (US). **LEE,
Christopher, J.**; 18555 Burbank Blvd., #25,
Tarzana, CA 91356 (US).
(74) **SMALLEY, Dennis, R.**; MEMGen Corp.,
1103 W. Isabel Street, Burbank, CA 91506
(US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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)

- CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **C25D 1/00**
(11) **WO 03/095707** (13) A2
(21) PCT/US03/14661
(22) **7 May/mai 2003 (07.05.2003)**
(25) en (26) en
(30) 60/379,133 **7 May/mai 2002 US**
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD OF AND APPARATUS FOR
FORMING THREE-DIMENSIONAL
STRUCTURES INTEGRAL WITH
SEMICONDUCTOR BASED CIR-
CUITRY
• PROCEDE ET APPAREIL POUR FOR-
MER DES STRUCTURES TRIDIMEN-
SIONNELLES INTEGREES DANS DES
CIRCUITS A SEMICONDUCTEURS
(71) **MEMGEN CORPORATION** [US/US];
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(US).
(72) **COHEN, Adam, L.**; 9537 Kirkside Road,
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Gang**; 1901 Crest Vista Drive, Apt. 1A,
Monterey Park, CA 91754 (US).
(74) **SMALLEY, Dennis, R.**; MEMGen Corpo-
ration, 1103 West Isabel Street, Burbank, CA
91506 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 **C25D 1/00**
(11) **WO 03/095708** (13) A2
(21) PCT/US03/14662
(22) **7 May/mai 2003 (07.05.2003)**
(25) en (26) en
(30) 60/379,135 **7 May/mai 2002 US**
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHODS OF AND APPARATUS FOR
MOLDING STRUCTURES USING SAC-
RIFICIAL METAL PATTERNS
• PROCEDES ET APPAREIL DE MOU-
LAGE DE STRUCTURES UTILISANT
DES CONFIGURATIONS METAL-
LIQUES SACRIFICIELLES
(71) **MEMGEN CORPORATION** [US/US];
1103 W. Isabel Street, Burbank, CA 91506
(US).
(72) **BANG, Christopher, A.**; 8540 Longwood
St., San Diego, CA 92126 (US).

(74) **SMALLEY, Dennis, R.**; MEMGen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 1/00

(11) WO 03/095709 (13) A2

(21) PCT/US03/14663

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,184 7 May/mai 2002 US (07.05.2002)

(30) 60/392,531 27 Jun/juin 2002 US (27.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTISTEP RELEASE METHOD FOR ELECTROCHEMICALLY FABRICATED STRUCTURES

• PROCEDE D'ENLEVEMENT EN PLUSIEURS ETAPES DE STRUCTURES FABRIQUEES PAR PROCEDE ELECTROCHIMIQUE

(71) **MEMGEN CORPORATION** [US/US]; 1103 W. Isabel Street, Burbank, CA 91506 (US).

(72) **COHEN, Adam, L.**; 9537 Kirkside Road, Los Angeles, CA 90035 (US). **LOCKARD, Michael, S.**; 15152 Bluffton Street, Lake Elizabeth, CA 93532 (US). **MCPHERSON, Dale, S.**; 275 W. Verdugo Avenue #21, Burbank, CA 91502 (US).

(74) **SMALLEY, Dennis, R.**; MEMGen Corporation, 1103 W. Isabel Street, Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 1/00

(11) WO 03/095710 (13) A2

(21) PCT/US03/14860

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,130 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF AND APPARATUS FOR ELECTROCHEMICALLY FABRICATING STRUCTURES VIA INTERLACED LAYERS OR VIA SELECTIVE ETCHING AND FILLING OF VOIDS

• PROCEDES ET APPAREIL DE FABRICATION ELECTROCHIMIQUE DE STRUCTURES PAR COUCHES ENTRELACEES OU PAR GRAVURE SELECTIVE ET REMPLISSAGE DES VIDES

(71) **MEMGEN CORPORATION** [US/US]; 1103 W. Isabel Street, Burbank, CA 91506 (US).

(72) **SMALLEY, Dennis, R.**; 23524 Maple Street, Newhall, CA 91321 (US).

(74) **SMALLEY, Dennis, R.**; Memgen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 1/00

(11) WO 03/095711 (13) A2

(21) PCT/US03/14862

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,177 7 May/mai 2002 US (07.05.2002)

(30) 60/442,656 23 Jan/jan 2003 US (23.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROCHEMICALLY FABRICATED STRUCTURES HAVING DIELECTRIC OR ACTIVE BASES AND METHODS OF AND APPARATUS FOR PRODUCING SUCH STRUCTURES

• STRUCTURES DE FABRICATION ELECTROCHIMIQUE A BASES DIELECTRIQUES OU ACTIVES ET PROCEDE ET APPAREIL DE PRODUCTION DE CES STRUCTURES

(71) **MEMGEN CORPORATION** [US/US]; 1103 W. Isabel Street, Burbank, CA 91506 (US).

(72) **THOMPSON, Jeffrey, A.**; 822 E. Tujunga Ave., Burbank, CA 91501 (US). **COHEN, Adam, L.**; 9537 Kirkside Road, Los Angeles, CA 90035 (US). **LOCKARD, Michael, S.**; 15152 Bluffton Street, Lake Elizabeth, CA 93532 (US). **SMALLEY, Dennis, R.**; 23524 Maple Street, Newhall, CA 91321 (US).

(74) **SMALLEY, Dennis, R.**; MEMGen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 5/02

(11) WO 03/095712 (13) A2

(21) PCT/US03/14664

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,183 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF AND APPARATUS FOR FORMING THREE-DIMENSIONAL STRUCTURES INTEGRAL WITH SEMICONDUCTOR BASED CIRCUITRY

• PROCEDE DE FABRICATION DE STRUCTURES TRIDIMENSIONNELLES SOLIDAIRES DE CIRCUITS A SEMI-CONDUCTEURS

(71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) **COHEN, Adam, L.**; 9537 Kirkside Road, Los Angeles, CA 90035 (US).

(74) **SMALLEY, Dennis, R.**; MEMGen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 5/40, 5/18, 5/02, 5/12, 1/00

(11) WO 03/095713 (13) A1

(21) PCT/US03/14857

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,129 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONFORMABLE CONTACT MASKING METHODS AND APPARATUS

UTILIZING IN SITU CATHODIC ACTIVATION OF A SUBSTRATE

- PROCEDES ET APPAREILS DE MASQUAGE DE CONTACTS ADAPTABLES UTILISANT UNE ACTIVATION CATHODIQUE IN SITU D'UN SUBSTRAT

(71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) ZHANG, Gang; 1801 Crest Vista Dr., Apt. 1A, Monterey Park, CA 91754 (US).

(74) SMALLEY, Dennis, R.; MEMGen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C25D 7/06, H05K 1/09, B32B 15/08

(11) WO 03/095714 (13) A1

(21) PCT/JP03/05892

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-138881 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR PRODUCING HIGH TEMPERATURE HEAT RESISTING CARRIER FOIL CLAD ELECTROLYTIC COPPER FOIL AND HIGH TEMPERATURE HEAT RESISTING CARRIER FOIL CLAD ELECTROLYTIC COPPER FOIL OBTAINED BY THE PROCESS

- PROCEDE DE PRODUCTION DE FEUILLE DE CUIVRE ELECTROLYTIQUE A REVETEMENT DE SUPPORT EN FEUILLE THERMORESISTANT A HAUTES TEMPERATURES ELEVEES ET FEUILLE DE CUIVRE ELECTROLYTIQUE A REVETEMENT DE SUPPORT EN FEUILLE RESISTANT A HAUTES TEMPERATURES OBTE-NUES SELON LEDIT PROCEDE

(71) MITSUI MINING & SMELTING CO., LTD. [JP/JP]; 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).

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(72, 75) TAKANASHI, Akitoshi [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). IWAKIRI, Kenichiro [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). 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). OBATA, Shinichi [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).

(74) TANAKA, Daisuke; No.1 Misawa Bldg., 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

(81) CN KR US.

(51)⁷ C25D 21/12, 5/02, 5/12, 1/00

(11) WO 03/095715 (13) A1

(21) PCT/US03/14859

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,132 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR MONITORING DEPOSITION QUALITY DURING CONFORMABLE CONTACT MASK PLASTING OPERATIONS

- PROCEDES ET APPAREIL DE SURVEILLANCE DE LA QUALITE DE DEPOT AU COURS D'OPERATIONS DE GALVANOPLASTIE EFFECTUEES A L'AIDE D'UN MASQUE DE CONTACT ADAPTABLE

(71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) ZHANG, Gang; 1801 Crest Vista Dr., Apt. 1A, Monterey Park, CA 91754 (US). COHEN, Adam, L.; 9537 Kirkside Road, Los Angeles, CA 90035 (US).

(74) SMALLEY, Dennis, R.; MEMGen Corporation, 1103 W. Isabel St., Burbank, CA 91506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 C30B 29/06, H01L 21/322

(11) WO 03/095716 (13) A1

(21) PCT/JP03/05720

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002/134675 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SILICON SINGLE CRYSTAL WAFER AND EPITAXIAL WAFER, AND METHOD FOR PRODUCING SILICON SINGLE CRYSTAL

- PLAQUETTE A CRISTAL UNIQUE DE SILICIUM ET PLAQUE EPITAXIALE, AINSI QUE PROCEDE PERMETTANT DE PRODUIRE UN CRISTAL UNIQUE DE SILICIUM

(71) SHIN-ETSU HANDOTAI CO., LTD. [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) SAKURADA, Masahiro [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). MITAMURA, Nobuaki [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). FUSEGAWA, Izumi [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). OHTA, Tomohiko [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP).

(74) YOSHIMIYA, Mikio; Uenosansei Bldg. 4F, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (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 C30B 29/06, 15/20

(11) WO 03/095717 (13) A1

(21) PCT/JP03/05730

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002/136261 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCTION METHOD AND PRODUCTION DEVICE FOR SINGLE CRYSTAL

- PROCEDE ET DISPOSITIF DE PRODUCTION DESTINES A UN MONO-CRISTAL

(71) KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA [JP/JP]; 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).

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

(72, 75) KUROSAKA, Shoen [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). INAGAKI, Hiroshi [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).

KAWASHIMA, Shigeki [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).
 FUKUDA, Nobuyuki [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).
 SHIBATA, Masahiro [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).

(74) KIMURA, Takahisa et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).

(81) DE US.

(51)⁷ C30B 29/06, 15/02, 15/04

(11) WO 03/095718 (13) A1

(21) PCT/US03/12395

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 10/142,312 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS FOR COATING SILICON SHOT WITH DOPANT FOR ADDITION OF DOPANT IN CRYSTAL GROWTH
 • PROCESSUS DE REVETEMENT DE CHARGE DE SILICIUM AVEC UN DOPANT DESTINE A AJOUTER UN DOPANT DANS UNE CROISSANCE DE CRISTAUX

(71) RWE SCHOTT SOLAR, INC. [US/US]; Middlesex Technology Center, 4 Suburban Park Drive, Billerica, MA 01821 (US).

(72) PIWCZYK, Bernhard, P.; 189 Robert Rogers Road, Dunbarton, NH 03045 (US).

(74) PANDISCIO, Nicholas, A.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).

(81) AU 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 C30B 30/08

(11) WO 03/095719 (13) A1

(21) PCT/JP02/04620

(22) 13 May/mai 2002 (13.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DROP TUBE TYPE GRANULAR CRYSTAL PRODUCING DEVICE
 • DISPOSITIF DE PRODUCTION DE CRISTAUX GRANULAIRES DE TYPE POUR TUBE DE DESCENTE

(71, 72) NAKATA, Josuke [JP/JP]; 29-3, Goryooyama-cho 4-chome, Nishikyo-ku, Jyoyoshi, Kyoto 610-1102 (JP).

(74) OKAMURA, Toshio; OKAMURA TOKKYO JIMUSHO, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AU CA CN JP KR US.

(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 D01D 5/18, C03B 37/04

(11) WO 03/095720 (13) A1

(21) PCT/FR03/01392

(22) 5 May/mai 2003 (05.05.2003)

(25) fr (26) fr

(30) 02/05647 6 May/mai 2002 FR (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH-SPEED SPINDLE FOR A MINERAL WOOL FIBRE-FORMING MACHINE
 • BROCHE GRANDES VITESSES POUR MACHINE DE FIBRAGE DE LAINE MINERALE

(71) EREM [FR/FR]; Z.I. rue Nicephore niepce, BP 214, F-76304 Sotteville Les Rouen (FR).
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(72, 75) GIULIANI, Lando [FR/FR]; 143, rue de Paris, F-76800 Saint-Etienne Du Rouvray (FR).

(74) PRUGNEAU-Schaub; 36, rue des Petits Champs, F-75002 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 D01F 8/06, C04B 16/06

(11) WO 03/095721 (13) A1

(21) PCT/EP03/50149

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02100473.4 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR SHAPED PRODUCTS BASED ON CEMENT AND REINFORCING FIBERS THEREFOR
 • PROCEDE POUR PRODUITS FACONNES A BASE DE CIMENT ET FIBRES DE RENFORCEMENT POUR DE TELS PRODUITS

(71) REDCO S.A. [BE/BE]; Kuiermanstraat, 1, B-1880 Kapelle-op-den-Bos (BE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIDTS, Dirk [BE/BE]; Sint Martinusbaan, 59, B-1860 Meise (BE). de

LHONEUX, Benoît [BE/BE]; Rue Albert Poupé, 29, B-1367 Geest-Gérompont (Ramilies) (BE).

(74) VAN STRAATEN, Joop et al. / etc.; Office Kirkpatrick, Avenue Wolfers, 32, B-1310 La Hulpe (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).

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(51)⁷ D01G 31/00, 15/02, 15/36

(11) WO 03/095722 (13) A1

(21) PCT/EP03/03446

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 21 407.7 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CARD ENGINE
 • MACHINE A CARDER

(71) HOLLINGSWORTH GMBH [DE/DE]; Rosenstr. 7-9, 75387 Neubulach (DE).
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(72, 75) BOCHT, Bernhard [DE/DE]; Sommerbergstr. 20, 75387 Neubulach (DE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ D01H 5/72

(11) WO 03/095723 (13) A1

(21) PCT/CH03/00001

(22) 3 Jan/jan 2003 (03.01.2003)

(25) de (26) de

(30) 786/02 8 May/mai 2002 CH (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DRAFTING ASSEMBLY FOR A RING SPINNING FRAME COMPRISING A COMPRESSOR FOR A FIBRE BAND

• BANC D'ETIRAGE POUR METIER CONTINU A FILER DOTE D'UN ELEMENT DE COMPRESSION POUR UN RUBAN DE FIBRE

- (71) **HOLDING FÜR INDUSTRIEBETEILIGUNGEN AG** [CH/CH]; Bafflesstrasse 14, 9450 Altstätten (CH).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **STAHLLECKER, Hans** [DE/DE]; Eisbrunnenstrasse 37, 73072 Donzdorf (DE).
HERMANN, Hans [DE/CH]; Im Moos 17, CH-9450 Lüdingen (CH).

- (74) **SCHREIBER, Wolfgang, F. et al.** / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 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 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 **D02G 3/12, 3/44**

(11) **WO 03/095724** (13) A1

(21) PCT/EP03/50141

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 02100479.1 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ELECTRICALLY CONDUCTIVE YARN
• FIL CONDUCTEUR

- (71) **N.V. BEKAERT S.A.** [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WATSON, Douglas** [US/US]; 5261 Wintercreek Drive, Dunwoody, GA 30338 (US). **SPELEERS, Pol** [BE/BE]; Aststraat 7, B-8790 Waregem (BE). **VERBRUGGE, Wim** [BE/BE]; Sint Jozefsstraat 7, B-8740 Pittem (BE).

- (74) **VAN STEENLANDT, Wim**; N.V. Bekaert S.A., D.I.E., Bekaertstraat 2, B-8550 Zwevegem (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 **D02G 3/12, 3/44**

(11) **WO 03/095725** (13) A1

(21) PCT/EP03/50142

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 02100478.3 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ELECTRICALLY CONDUCTIVE YARN COMPRISING METAL FIBERS

• FIL CONDUCTEUR D'ELECTRICITE COMPRENANT DES FIBRES DE METAL

- (71) **N.V. BEKAERT S.A.** [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).

- (72) **VERSTRAETEN, Steve**; Italiëlei 229 - Bus 60, B-2000 Antwerpen (BE). **PAVLINEC, Jan**; Schubertstrasse 2, 60325 Frankfurt am Main (DE). **SPELEERS, Pol**; Aststraat 7, B-8790 Waregem (BE).

- (74) **VAN STEENLANDT, Wim**; N.V. Bekaert S.A., D.I.E., Bekaertstraat 2, B-8550 Zwevegem (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 **D02G 3/46**

(11) **WO 03/095726** (13) A1

(21) PCT/EP03/04943

(22) **12 May/mai 2003 (12.05.2003)**

(25) de (26) de

(30) 102 21 170.1 **13 May/mai 2002 DE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • USE OF A MECHANICAL TEXTURING THREAD

• UTILISATION D'UN FIL A TEXTURATION MECANIQUE

- (71) **GÜTERMANN AG** [DE/DE]; Landstrasse 1, 79261 Gutach-Breisgau (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DRESCHER Jürgen** [US/US]; Am Buchenbühl 9, 79183 Waldkirch (US). **THOMA, Wilfried** [DE/DE]; Kreuzstrasse 7, 79183 Waldkirch-Kollnau (DE). **STABENOW, Michael** [DE/DE]; Juliusstrasse 2, 79261 Gutach (DE).

- (74) **MANITZ, FINSTENWALD & PARTNER GBR**; Postfach 31 02 20, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **D02G 3/46, 1/16**

(11) **WO 03/095727** (13) A1

(21) PCT/EP03/04944

(22) **12 May/mai 2003 (12.05.2003)**

(25) de (26) de

(30) 102 21 169.8 **13 May/mai 2002 DE (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • MECHANICALLY TEXTURED THREAD AND METHOD FOR THE PRODUCTION THEREOF

• FIL TEXTURE MECANIQUEMENT ET SON PROCEDE DE REALISATION

- (71) **GÜTERMANN AG** [DE/DE]; Landstrasse 1, 79261 Gutach-Breisgau (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DRESCHER, Jürgen** [DE/DE]; Am Buchenbühl 9, 79183 Waldkirch (DE). **THOMA, Wilfried** [DE/DE]; Kreuzstrasse 7, 79183 Waldkirch-Kollnau (DE). **STABENOW, Michael** [DE/DE]; Juliusstrasse 2, 79261 Gutach (DE).

- (74) **Manitz, Finsterwald & Partner GBR**; Postfach 31 02 20, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **D03C 3/24, 3/42**

(11) **WO 03/095728** (13) A2

(21) PCT/CH03/00252

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) de (26) de

(30) 796/02 **10 May/mai 2002 CH (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WIRELESS THREAD CONTROLLING DEVICE

• DISPOSITIF DE COMMANDE DE FIL SANS CORDON

(71) TEXTILMA AG [CH/CH]; Seestrasse 97, CH-6052 Hergiswil (CH).

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

(72, 75) SPEICH, Francisco [CH/CH]; Bleumattstrasse 10, CH-5073 Gipf-Oberfrick (CH). BORER, Silvan [CH/CH]; Traubenweg 18b, CH-5070 Frick (CH).

(74) SCHMAUDER & PARTNER AG; Zwängiweg 7, CH-8038 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 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 D03D 11/00, 13/00, 15/00

(11) WO 03/095729 (13) A1

(21) PCT/US03/15099

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,723 10 May/mai 2002 US (10.05.2002)

(30) 60/419,159 17 Oct/oct 2002 US (17.10.2002)

(30) 10/431,763 8 May/mai 2003 US (08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLURAL LAYER WOVEN ELECTRONIC TEXTILE, ARTICLE AND METHOD

• ARTICLE TISSE ELECTRONIQUE A PLUSIEURS COUCHES ET PROCEDE ASSOCIE

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, Princeton, NJ 08543-5300 (US).

(72) HILL, Ian, G.; 206 Wilson Avenue, Hightstown, NJ 08520 (US). TROTZ, Seth; 13 Gray Farm Road, Littleton, MA 01460 (US). RIDDLE, George, Herbert, Needham; 21 Grover Avenue, Princeton, NJ 08540 (US).

(74) BERARD, Clement, A.; Dann, Dorfman, Herrell and Skillman, P.C., 1601 Market Street, Suite 720, Philadelphia, PA 19103-2307 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 3/10

(11) WO 03/095730 (13) A1

(21) PCT/US03/14214

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,728 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NONWOVEN FABRICS HAVING INTERCALATED THREE-DIMENSIONAL IMAGES

• NON-TISSÉS AVEC INTERCALAGE D'IMAGES TRIDIMENSIONNELLES

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) SNIDER, Jerry; 19400 N. One Normal Square, Cornelius, NC 28031 (US). DE-LANEY, Andrew; 23 Wayne Way, East Windsor, NJ 08520 (US). CARTER, Nick; 132 Dannyn Grove Court, Mooresville, NC 28117 (US). CARLSON, Cheryl; 100 Raspberry Court, Willow, NC 27592 (US). THOMPSON, Julie; 121 La Senda Road, Los Alamos, NM 87544 (US). MAYHORN, Jennifer; 310 Southland Road, Huntersville, NC 28078 (US).

(74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/56, 5/06, A47L 13/16, 13/17

(11) WO 03/095731 (13) A1

(21) PCT/US03/12343

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 60/379,664 10 May/mai 2002 US (10.05.2002)

(30) 10/314,720 9 Dec/déc 2002 US (09.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THREE-DIMENSIONAL COFORM NONWOVEN WEB

• VOILE NON TISSE COMPOSITE TRIDIMENSIONNEL

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) KECK, Laura, Elizabeth; 2675 Grassview Drive, Alpharetta, GA 30004 (US). HARRIS, Charlene, Bendu; 1800 Meadowchase Court, Snellville, GA 30078 (US). FRAZIER, Nina; 1690 Latour Drive, Marietta, GA 30066 (US).

(74) DEAN, Ralph, H. 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00, 3/16, D01F 6/36

(11) WO 03/095732 (13) A1

(21) PCT/JP03/05832

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-137891 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FIBER NON-WOVEN FABRIC
• TISSU NON TISSE EN FIBRES

(71) KURARAY CO., LTD. [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 (JP).

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

(72, 75) OKAI, Takashi [JP/JP]; c/o KURARAY SAIJO Co., Ltd., 892, Tsutachi, Saijo-shi, Ehime 793-8585 (JP). KIMURA, Tomoaki [JP/JP]; c/o KURARAY Co., Ltd., 12-39, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-8611 (JP). KURIHARA, Toyooki [JP/JP]; c/o KURARAY Co., Ltd., 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). HAMADA, Kenichi [JP/JP]; c/o KURARAY Co., Ltd., 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). IDE, Akiko [JP/JP]; c/o KURARAY Co., Ltd., 12-39, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-8611 (JP).

(74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (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 D06H 7/02, B26D 7/18, B08B 1/02, 1/04, 5/04

(11) WO 03/095733 (13) A1

(21) PCT/JP03/05565

(22) 1 May/mai 2003 (01.05.2003)

- (25) ja (26) ja
- (30) 2002-136124 **10 May/mai 2002 JP (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CUTTING EQUIPMENT
• EQUIPEMENT DE DECOUPE
- (71) SHIMA SEIKI MANUFACTURING LIMITED [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORITA, Toshiaki [JP/JP]; c/o SHIMA SEIKI MANUFACTURING LIMITED, 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).
- (74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (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 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).
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- (51)⁷ D06M 15/03, 16/00, A61L 15/46
- (11) WO 03/095734 (13) A1
- (21) PCT/US03/14207
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 10/143,380 **10 May/mai 2002 US (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ANTIMICROBIAL POLYESTER-CONTAINING ARTICLES AND PROCESS FOR THEIR PREPARATION
• ARTICLES ANTIMICROBIENS CONTENANT DU POLYESTER ET PROCÉDE DE PRÉPARATION DE CES ARTICLES
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) JOERGER, Melissa, C.; 155 Woodland Road, Newark, DE 19702 (US). KONIZ, Ronald, F.; 207 Crestline Boulevard, Greenville, NC 27834 (US). SABESAN, Subramaniam; 2 Ross Road, Dartmouth Woods, Wilmington, DE 19810 (US). PENNIAS, John; 60 Wesley Drive, Hockessin, DE 19707 (US).
- (74) BELOPOLSKY, Inna, Y.; E.I. Dupont 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).

Published / Publiée : (c)

(51)⁷ D06M 15/643, C08G 77/04, D06M 15/647, 15/03, C08G 77/388

(11) WO 03/095735 (13) A2

(21) PCT/EP03/04965

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 521.9 **14 May/mai 2002 DE (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOFTENING SILICONE FORMULATIONS FOR TEXTILE FINISHING
• FORMULATIONS D'ADOUCCISSANTS SILICONES DESTINÉES AU FINISAGE TEXTILE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). GE BAYER SILICONES GMBH & CO. KG [DE/DE]; Falkenberg 1, 40699 Erkrath (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTH, Winfried [DE/DE]; Am Hagen 9, 51519 Odenthal (DE). IDEL, Rainer [DE/DE]; Mühlenstr. 69, 42929 Wermelskirchen (DE). KIERSPE, Detlev [DE/DE]; An den Irlen 9, 40764 Langenfeld (DE). KOCH, Friedrich [DE/DE]; Morgengraben 10, 51061 Köln (DE). LANDENBERGER, Peter [DE/DE]; Lübecker Str. 1, 50668 Köln (DE). MEIER, Helmut-Martin [DE/DE]; Am Obersthorf 3, 40883 Ratingen (DE). LANGE, Horst [DE/DE]; Tiefbauweg 34, 44879 Bochum (DE). WAGNER, Roland [DE/DE]; Kolbergerstr. 40, 53175 Bonn (DE). KROTT, Jürgen [DE/DE]; Ahrstr. 28a, 51371 Leverkusen (DE). MÖLLER, Annette [DE/DE]; Am Widenbusch 63, 51381 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 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).

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

(51)⁷ D07B 7/14, 7/16, B05D 7/20, B65H 81/02

(11) WO 03/095736 (13) A1

(21) PCT/CN03/00038

(22) 17 Jan/jan 2003 (17.01.2003)

(25) zh (26) zh

(30) 02116096.1 **12 May/mai 2002 CN (12.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A COATING DEVICE FOR APPLYING AND ANTICORROSIVE LAYER ON A PRE-STRESSED STEEL WIRE
• DISPOSITIF DE REVETEMENT DESTINÉ À APPLIQUER UNE COUCHE ANTICORROSION SUR UN CÂBLE D'ACIER PRÉCONTRAINT

(71) LIUZHOU CONSTRUCTION MACHINERY FACTORY GENERAL [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) YANG, Qing [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN).

(72, 75) YANG, Lizhong [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN). WANG, Jiantao [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN). CHEN, Qian [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN). FANG, Zhongyu [CN/CN]; No.3, Longquan Road, Liuzhou, Guangxi Zhuang 545005 (CN).

(74) LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B, Grand Place, No. 5 Huizhong Road, Chaoyang, 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 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 AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
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 D21B 1/16, D21C 9/16

(11) WO 03/095737 (13) A1

(21) PCT/US03/13756

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 02233439.4 9 May/mai 2002 CN
(09.05.2002)

(30) 10/383,081 6 Mar/mar 2003 US
(06.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR PRODUCING PULP
AND PRODUCTS FROM HIGH SILICA
CONTENT AGRICULTURAL WASTE
MATERIALS

- PROCEDE DE PRODUCTION DE PATE
A PAPIER ET DE PRODUITS A PARTIR
DE DECHETS AGRICOLES A TENEUR
ELEVÉE EN SILICE

(71) RENEWABLE FIBER TECHNOLOGY
INC. [US/US]; Suite A, 5386 Majestic Park-
way, Bedford Heights, OH 44146 (US).

(72) ZHU, Jie; Building 6, Room 1305, No.4,
Hai Dian Qu Cui Wei Road, Beijing 100036
(CN). ZHU, Xiaoping; Room 2302 No. 2,
Jin Dian Garden, Beijing 100088 (CN). ONG,
Shaode; 32389 Roundhead Drive, Solon, OH
44139 (US).

(74) MURTAUGH, John, P. et al. / etc.; Pearne
& Gordon LLP, Suite 1200, 526 Superior Av-
enue East, Cleveland, OH 44114-1484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 D21C 11/12, 11/06

(11) WO 03/095738 (13) A1

(21) PCT/FI03/00358

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,406 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD OF PRODUCING ENERGY
AT A PULP MILL

- PROCEDE DE PRODUCTION D'ENER-
GIE AU NIVEAU D'UNE USINE DE
PATE

(71) ANDRITZ OY [FI/FI]; Tammasaarenkatu 1,
FIN-00180 Helsinki (FI).

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

(72, 75) SAVIHARJU, Kari [FI/FI]; Rakenta-
janrinne 3, FIN-02340 Espoo (FI). SIMO-
NEN, Jorma [FI/US]; Baccurate Ct., Ma-
rietta, GA 30062 (US). KOIVISTO, Lasse
[FI/FI]; Ahokatu 5, FIN-78870 Varkaus (FI).
ARPALAHTI, Olli [FI/FI]; Kosulankatu 11,
FIN-78300 Varkaus (FI).

(74) ANDRITZ OY; Patent Department, P.O.
Box 500, FIN-48601 Kotka (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 D21F 1/00, 7/06, D21G 9/00

(11) WO 03/095739 (13) A1

(21) PCT/FI03/00361

(22) 9 May/mai 2003 (09.05.2003)

(25) fi (26) en

(30) 20020890 10 May/mai 2002 FI
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD AND APPARATUS FOR
MONITORING OF THE DRY LINE IN
A FOU DRINIER PAPER MACHINE
AND FOR CONTROL BASED THERE-
UPON

- PROCEDE ET APPAREIL DE RE-
GLAGE DE LA LIGNE SECHE DANS
UNE MACHINE A PAPIER A TABLE
PLATE

(71, 72) NIEMI, Antti [FI/FI]; Yrjö Liipolan tie
5, FIN-02700 Kauniainen (FI).

(74) BERGGREN OY AB; P.O. BOX 16, FIN-
00101 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).

(51)⁷ D21F 1/00, D04H 3/16, D01D 5/098

(11) WO 03/095740 (13) A1

(21) PCT/US03/12702

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 10/142,512 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FORMINGFABRIC COMPRISING
FLAT SHAPED CONDUCTIVE
MONOFILAMENT USED IN THE PRO-
DUCTION OF NON-WOVEN FABRICS

- TISSU EN FORMATION COM-
PRENANT UN MONOFILAMENT
CONDUCTEUR PLAT, UTILISE DANS
LA PRODUCTION DE TISSUS NON
TISSES

(71) ALBANY INTERNATIONAL CORP.
[US/US]; 1373 Broadway, Albany, NY
12204 (US).

(72) MONNERIE, Jean-Louis; Les Charles,
F-87200 Saint-Junien (FR). DEBYSER,
Pascal; 2 allée des plantes, F-16710 Saint
Yrieix (FR).

(74) SANTUCCI, Ronald, R.; 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 D21F 1/00, 7/08

(11) WO 03/095741 (13) A1

(21) PCT/US03/12830

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 10/139,557 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD TO INCREASE BOND
STRENGTH AND MINIMIZE
NON-UNIFORMITIES OF WOVEN
TWO-LAYER MULTIAXIAL FABRICS

AND FABRIC PRODUCED ACCORD-
ING TO SAME

- PROCEDE PERMETTANT D'AMELIO-
RER LA RESISTANCE D'ADHESION
ET DE MINIMISER LES IRREGULA-
RITES DES TISSUS MULTIAXIAUX A
DEUX COUCHES TISSES ET TISSUS
FABRIQUE SELON CE PROCEDE

(71) ALBANY INTERNATIONAL CORP.
[US/US]; 1373 Broadway, Albany, NY
12204 (US).

(72) MORIARTY, Michael, G.; 10 Carlyle
Court, Ballston Lake, NY 12019 (US).

(74) SANTUCCI, Ronald, R.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 D21F 7/00

(11) WO 03/095742 (13) A1

(21) PCT/EP03/04580

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(30) 102 20 377.6 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEAM BUBBLE BOX UNIT

- UNITE CAISSE DE BULLES DE VA-
PEUR

(71) VOITH PAPER PATENT GMBH
[DE/DE]; Sankt Pöltener Strasse 43, 89522
Heidenheim (DE).

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

(72, 75) MUELLER, Dieter [DE/DE]; Talstrasse
15, 89567 Sontheim (DE).

(74) MANITZ, FINSTERWALD & PARTNER
GBR; Postfach 31 02 20, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

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

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

(51)⁷ D21G 1/00

(11) WO 03/095743 (13) A1

(21) PCT/FI03/00357

(22) 8 May/mai 2003 (08.05.2003)

(25) fi (26) en

(30) 20020896 13 May/mai 2002 FI
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CALENDER NIP AND CALENDER

- LIGNE DE CONTACT A UNE CA-
LANDRE ET CALANDRE

(71) METSO PAPER, INC. [FI/FI]; Fabi-
aninkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TORVI, Timo [FI/FI]; Niittajankatu 7 B
52, FIN-00810 Helsinki (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 D21G 9/00, G01H 9/00

(11) WO 03/095744 (13) A1

(21) PCT/US03/11645

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/142,072 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR ONLINE
CONTROL OF PAPER ELASTICITY
AND THICKNESS

- SYSTEME ET PROCEDE DE COM-
MANDE EN LIGNE DE L'ELASTICITE
ET DE L'EPAISSEUR DU PAPIER

(71) LOCKHEED MARTIN CORPORATION
[US/US]; 6801 Rockledge Drive, Bethesda,
MD 20817 (US).

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

(72, 75) DRAKE, Thomas, E. [US/US]; 2530
Ryan Place Drive, Fort Worth, TX 76110
(US).

(74) MCLAUCHLAN, Robert, A. et al. / etc.;
KOESTNER BERTANI, LLP, P.O. Box
26780, Austin, TX 78755 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 D21H 21/44, B32B 29/00

(11) WO 03/095745 (13) A1

(21) PCT/DE02/01677

(22) 8 May/mai 2002 (08.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTILAYER BODY WITH A LASER-
SENSITIVE LAYER

- CORPS MULTICOUCHE POURVU
D'UNE COUCHE SENSIBLE AU LA-
SER

(71) LEONHARD KURZ GMBH & CO. KG
[DE/DE]; Schwabacher Strasse 482, 90763
Fürth (DE). ORGA KARTENSYSYSTEME
GMBH [DE/DE]; Am Hoppenhof 33, 33104
Paderborn (DE).

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

(72, 75) LUTZ, Norbert [DE/DE]; Am Wald-
friedhof 7, 90607 Rückersdorf (DE). ZIN-
NER, Gerhard [DE/DE]; Blütenstrasse 16,
91227 Leinburg (DE). SCHUMACHER,
Matthias [DE/DE]; Pöppenweg 5a, 33178
Borchen (DE). KNAACK, Ulrich [DE/DE];
Stephanus Strasse 65, 33098 Paderborn (DE).
FISCHER, Dirk [DE/DE]; Anemonenweg
3, 33106 Paderborn (DE).

(74) KÖHLER, Walter; Louis, Pöhlau, Lohrentz
& Segeth, 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 DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 **D21J 7/00**
- (11) **WO 03/095746** (13) A1
- (21) PCT/JP02/11849
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) ja (26) ja
- (30) 2002-135573 **10 May/mai 2002 JP**
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PRODUCTION MOLD FOR FORMED
FIBER
- MOULE DE PRODUCTION DE FIBRE
FORMEE
- (71) **KAO CORPORATION** [JP/JP]; 14-10,
Nihonbashi Kayaba-cho, 1-chome, Chuo-ku,
Tokyo 103-8210 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **ODAJIMA, Shingo** [JP/JP]; c/o Kao
Corporation, Research Laboratories, 2606,
Akabane, Ichikai-machi, Haga-gun, Tochigi
321-3497 (JP). **SONO, Tokihito** [JP/JP];
c/o Kao Corporation, Research Laboratories,
2-1-3, Bunka, Sumida-ku, Tokyo 131-0044
(JP). **SAGARA, Koichi** [JP/JP]; c/o Kao
Corporation, Research Laboratories, 2-1-3,
Bunka, Sumida-ku, Tokyo 131-0044 (JP).
KIMBARA, Hiromichi [JP/JP]; c/o Kao
Corporation, Research Laboratories, 2606,
Akabane, Ichikai-machi, Haga-gun, Tochigi
321-3497 (JP).
- (74) **HATORI, Osamu** et al. / etc.; Akasaka HKN
Bldg. 6F, 8-6, 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 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 **E01F 9/012, 9/013, 13/02**
- (11) **WO 03/095747** (13) A1
- (21) PCT/IB02/01580
- (22) **10 May/mai 2002 (10.05.2002)**
- (25) es (26) es
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MODULAR SIGNALLING DEVICE
- DISPOSITIF DE SIGNALISATION MO-
DULAIRE
- (71, 72) **CARVAJALINO, Mario** [CO/CO];
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Cazucá, Entrada 2, 12 Bogotá (CO).

- (72, 75) **ANGARITA, Luis** [CO/CO]; Calle 45
No. 44-28, 8 Bogotá (CO).
- (74) **FERRERO, Emilio**; Cavelier Abogados,
Edificio Siski, Carrera 4 No. 72-35, 8 Bogotá
(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 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 **E02B 17/02**
- (11) **WO 03/095748** (13) A1
- (21) PCT/GB03/02016
- (22) **13 May/mai 2003 (13.05.2003)**
- (25) en (26) en
- (30) 0210969.2 **14 May/mai 2002 GB**
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OFFSHOR BASE MADE OF PLATE
STEEL
- BASE DE HAUTE MER CONSTITUEE
DE PLAQUES D'ACIER
- (71) **FRED OLSEN RENEWABLES LIM-
ITED** [GB/GB]; Kings Scholars House, 230
Vauxhall Bridge Road, London SW1V 1AU
(GB).
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les États désignés sauf US)*
- (72, 75) **OLSEN, Thomas, Fredrick** [NO/NO];
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- (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **E02D 31/00**
- (11) **WO 03/095749** (13) A1
- (21) PCT/US03/15165
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 60/379,959 **10 May/mai 2002 US**
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • POLYMER-MODIFIED ASPHALT
CONTAINMENT SYSTEM
- SYSTEME DE CONFINEMENT A
ASPHALTE MODIFIEE PAR UN POLY-
MERE
- (71) **WILDER CONSTRUCTION COMPANY**
[US/US]; 1525 E. Marine View Drive, Ev-
erett, WA 98201-1927 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **TERREL, Ronald, L.** [US/US]; 9703
241st Place Southwest, Edmonds, WA
98020-6512 (US). **YOST, Karl** [US/US];
2101 10th Street, Anacortes, WA 98221
(US). **SCHWIESOW, Gale** [US/US]; 615
Bayside Road, Bellingham, WA 98225 (US).
- (74) **BETCHER, Susan, D. 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 : (c)
-
- (51)⁷ **E02F 5/16, 5/20, 9/24, F16F 11/00, 15/00,
15/023, 15/027, A01B 61/04**
- (11) **WO 03/095750** (13) A1
- (21) PCT/AU03/00557
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) PS 2239 **10 May/mai 2002 AU**
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DAMPENING APPARATUS
- APPAREIL D'AMORTISSEMENT
- (71, 72) **WRIGHT, Stewart, James** [AU/AU];
5282 Marine Drive, North Sanctuary Cove,
Queensland 4212 (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 E02F 9/22, B66C 23/84

(11) WO 03/095751 (13) A1

(21) PCT/JP03/05420

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(30) 2002/134525 9 May/mai 2002 JP
(09.05.2002)(30) 2002/197309 5 Jul/juil 2002 JP
(05.07.2002)(30) 2002/197310 5 Jul/juil 2002 JP
(05.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROTATION CONTROL DEVICE OF WORKING MACHINE

• DISPOSITIF DE COMMANDE DE ROTATION SUR MACHINE A TRAVAILLER

(71) KOBELCO CONSTRUCTION MACHINERY CO., LTD. [JP/JP]; 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 (JP).
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(72, 75) SUGANO, Naoki [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). INOUE, Koji [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). YOSHIMATSU, Hideaki [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). UEJIMA, Mamoru [JP/JP]; c/o Okubo Plant in KOBELCO CONSTRUCTION MACHINERY CO., LTD., 740, Yagi, Okubocho, Akashi-shi, Hyogo 674-0063 (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) 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 E03C 1/04, 1/02, A61H 33/00

(11) WO 03/095752 (13) A1

(21) PCT/DE03/01459

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 202 07 365.3 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOT/COLD SHOWER

• DOUCHE CHAUDE-FROIDE

(71, 72) DROEBER, Sebastian [DE/DE]; Deichweg 13, 25436 Moorrege (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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(r) for all designations / pour toutes les désignations

(51)⁷ E03D 9/03

(11) WO 03/095753 (13) A1

(21) PCT/US03/14866

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,586 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TOILET RIM MOUNTED LIQUID DISPENSER USING VERTICAL WICKING SYSTEM

• DISTRIBUTEUR DE LIQUIDE MONTE SUR LE REBORD DES TOILETTES ET UTILISANT UN SYSTEME DE DRAINAGE VERTICAL

(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) KLINKHAMMER, Michael, E.; 312 Augusta Street, Racine, WI 53402 (US). CONWAY, Simon, M.; 6207 Jones Road, Burlington, WI 53105 (US). HARBUTT, Richard, P.; 4, Hartley Copse, Old Windsor, Berkshire SL4 2QG (GB). SNOW, David, C.; The Laurels, Broad Street, Kings Stanley, Stonehouse, Gloucestershire GL10 3PN (GB). NOTT, Peter, T., M.; Chapel House, Chapel Lane, Wingfield, Wiltshire BA14 9LP (GB).

(74) MEIER, Linda, Blair; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 E03F 9/00, 7/10

(11) WO 03/095754 (13) A1

(21) PCT/AU03/00495

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) PS 2165 7 May/mai 2002 AU
(07.05.2002)(30) 2002952132 18 Oct/oct 2002 AU
(18.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDUIT CLEANING MEANS

• MOYEN DE NETTOYAGE D'UNE CONDUITE

(71) CLEANFLOW TECHNOLOGIES PTY LTD [AU/AU]; Unit 9, 213 Balcatta Road, Balcatta, Western Australia 3021 (AU).
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(72, 75) FIELDER, Nicholas, Albert, William [AU/AU]; 138 Union Road, Carmel, Western Australia 6076 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, 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).

(51)⁷ E04B 1/10, 2/86

(11) WO 03/095755 (13) A2

(21) PCT/GB03/02040

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210861.1 13 May/mai 2002 GB
(13.05.2002)(30) 0302131.8 30 Jan/jan 2003 GB
(30.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULAR CONSTRUCTION SYSTEM

• SYSTEME DE CONSTRUCTION MODULAIRE

(71, 72) BOLT, Dirk [NL/GB]; St Margaret's, Taybridge Road, Aberfeldy, Perthshire PH15 2BH (GB).

(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 1/80

(11) WO 03/095756 (13) A1

(21) PCT/SI02/00014

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THERMAL INSULATING FIBER-BOARD WITH LAP OR GROOVED SEAMS

• PANNEAUX DE FIBRES CALORIFUGES ASSEMBLES AU MOYEN DE JOINTS A RAINURE OU A RECOUVREMENT

(71) SIRCELJ, D.O.O. [SI/SI]; Veliko Mlacevo 18, 1290 Grosuplje (SI).

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

(72, 75) SIRCELJ, Marjan [SI/SI]; Veliko Mlacevo 18, 1290 Grosuplje (SI).

(74) PIPAN, Marjan; Kotnikova 5, 1000 Ljubljana (SI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 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 1/94, F16L 5/00, E04F 17/08

(11) WO 03/095757 (13) A1

(21) PCT/SE03/00650

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 0201386-0 8 May/mai 2002 (08.05.2002) SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FIRE BARRIER FOR OPENINGS IN WALLS OR THE LIKE, COMPRISING MULTIPLE FRAMES FOR CABLE ENTRIES.

• BARRIERE COUPE-FEU POUR OUVERTURES MENAGEES DANS UN MUR OU ANALOGUE, A CADRES MULTIPLES POUR DES ENTREES DE CABLES.

(71) ROYTEC INTERNATIONAL AB [SE/SE]; Box: 540, S-371 23 Karlskrona (SE).

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(72, 75) KREUTZ, Tomas [SE/SE]; Ringövägen 89, S-371 60 Lyckeby (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 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 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 2/78, E04C 3/07

(11) WO 03/095758 (13) A1

(21) PCT/IE03/00067

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2002/0371 10 May/mai 2002 (10.05.2002) IE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A STRUCTURAL ELEMENT

• ELEMENT STRUCTUREL

(71) KINGSPAN HOLDINGS (IRL) LIMITED [IE/IE]; Dublin Road, Kingscourt, County Cavan (IE).

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

(72, 75) ST. QUINTON, David [GB/GB]; 4 Highdale Avenue, Scarborough, YO12 6DD (GB).

(74) O'BRIEN, John, A. et al. / etc.; c/o 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 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 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

(11) WO 03/095759 (13) A2

(21) PCT/US03/14453

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,203 9 May/mai 2002 (09.05.2002) US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CONDUCTOR POLYMER BACK-FILL COMPOSITION AND METHOD OF USE AS A REINFORCEMENT MATERIAL FOR UTILITY POLES

• COMPOSITION DE REMBLAYAGE POLYMERE CONDUCTEUR ET PROCEDE POUR UTILISER CETTE COMPOSITION COMME MATERIAU DE RENFORCEMENT POUR POTEAUX ELECTRIQUES

(71) FORWARD VENTURES, LP [US/US]; 2201 North Collins, Suite 240, Arlington, TX 76011 (US).

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(72, 75) HANNAY, Richard, C. [US/US]; 424 Cumberland Trail, Conroe, TX 77302 (US). OWEN, Richard, A. [US/US]; 648 Bellgrath, Conroe, TX 77302 (US). KIRBY, Norman [US/US]; 19036 CR 669 C, Alvin, TX 77511 (US).

(74) CATENA, Gino; Fulbright & 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 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 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 1/00

(11) WO 03/095760 (13) A1

(21) PCT/US03/12532

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/144,284 10 May/mai 2002 (10.05.2002) US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DECORATIVE WALL COVERING WITH UPWARD MOVEMENT PANEL INTERLOCK SYSTEM

• REVETEMENT MURAL DECORATIF COMPRENANT UN SYSTEME DE BLOCAGE DES PANNEAUX A MOUVEMENT VERTICAL

(71) NAILITE INTERNATIONAL [US/US]; 1111 Northwest 165th Street, Miami, FL 33169-5819 (US).

(72) DONLIN, Terence, James; 847 Park, River Forest, IL 60305 (US). GUZZO, Francesco; 1518 N. 15th Avenue, Melrose Park, IL 60160 (US). HAMPTON, Russell; 5541 NW 90th Terr., Sunrise, FL 33351 (US).

(74) SCHLEMMER, Dennis, R. et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 N Stetson Av, 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 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 E04F 15/022

(11) WO 03/095761 (13) A1

(21) PCT/EP03/50152

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 02010579.7 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PREFABRICATED FLOORING PANEL
• PANNEAU DE REVETEMENT DE SOL PREFABRIQUE

(71) TARKETT SOMMER S.A. [FR/FR]; 2, rue de l'Egalité, F-92748 Cedex Nanterre (FR).
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(72, 75) LEPETIT, Hervé [FR/FR]; 16, rue Jules Tréfousse, F-52000 Chaumont (FR).

(74) KIHN, Pierre et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095762 (13) A1

(21) PCT/EP03/50151

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 02010578.9 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLOORBOARD
• PANNEAU DE PLANCHER

(71) TARKETT SOMMER S.A. [FR/FR]; 2, rue de l'Egalité, F-92748 Cedex Nanterre (FR).
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(72, 75) OHLSSON, Bengt [SE/SE]; PL 1372 Hörröd, S-28023 Hästveda (SE).

(74) KIHN, Pierre et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/02, F23J 13/04, F16L 25/00

(11) WO 03/095763 (13) A1

(21) PCT/ES03/00134

(22) 20 Mar/mar 2003 (20.03.2003)

(25) es (26) es

(30) P 200201060 8 May/mai 2002 ES (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPERVIOUS CONNECTION SYSTEM FOR CHIMNEYS AND PRE-FABRICATED MODULAR CONDUITS
• SYSTEME D'ACCOUPLEMENT ETANCHE POUR CHEMINEES ET CONDUITES MODULAIRES PREFABRIQUEES

(71) DINAK S.A. [ES/ES]; Camiño do Laranxo, 19, E-36216 Vigo (ES).
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(72, 75) PEREIRO SANTOS, Juan Ramón [ES/ES]; Camiño do Laranxo, 19, E-36216 Vigo (ES).

(74) GONZALEZ VALDES, Carlos; Covarrubias, 9 - 2^o Dcha., 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ 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 E04G 21/16

(11) WO 03/095764 (13) A1

(21) PCT/AU03/00579

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) PS 2281 14 May/mai 2002 AU (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPACER FOR CONCRETE BLOCKS
• ELEMENT DE SEPARATION DE BLOCS DE BETON

(71, 72) COSLOVI, Fabio [AU/AU]; 14A Beaumaris Drive, Menai, NSW 2234 (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 1/12, 9/00, E04B 1/343, 1/348

(11) WO 03/095765 (13) A1

(21) PCT/NZ03/00085

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 518841 8 May/mai 2002 NZ (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULAR CONTAINMENT UNIT
• UNITE DE CONFINEMENT MODULAIRE

(71, 72) PETTUS, Daryl, Owen [US/NZ]; Suite A, 17 Whitaker Place, 1000 Auckland (NZ).

(74) ENSOR, Donald, Rivers; Ensor and Associates, 111 Western Springs Road, Mt Albert, 1002 Auckland (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).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁶ E04H 3/16, G02B 17/00

(11) WO 03/095766 (13) A1

(21) PCT/CN02/00311

(22) 8 May/mai 2002 (08.05.2002)

(25) zh (26) zh

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SIDEWALL OF SWIMMING POOL WHICH MATCHING WITH STAND AND METHOD THEREOF

- PAROI DE PISCINE ADAPTEE A DES GRADINS
- (71) CHAN, Kingyee [CN/CN]; Weathman International Consultancy & Information Service Co., Ltd., Unit 0901, Jingyu Building, No. 129 Xuanwumen West Street, Xicheng District, Beijing 100031 (CN).
- (74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.; 16/F, Zhongke Building, No. 80, Haidian Road, Haidian District, Beijing 100080 (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 E04H 4/12

(11) WO 03/095767 (13) A1

(21) PCT/FR03/01131

(22) 10 Apr/avr 2003 (10.04.2003)

(25) fr (26) fr

(30) 02/05933 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR BUILDING A SPILLWAY SWIMMING POOL

• DISPOSITIF DE CONSTRUCTION D'UN BASSIN DE PISCINE A DEBORDEMENT

(71, 72) BONNET, Claude [FR/FR]; 42, rue des Vals, F-42160 Andrezieux Boutheon (FR). FASANDIER BONNET, Lucienne [FR/FR]; 42, rue des Vals, F-42160 Andrezieux Boutheon (FR).

(74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, B.P. 203, F-42005 Saint Etienne (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 E04H 4/12

(11) WO 03/095768 (13) A2

(21) PCT/US03/14439

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,212 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRAIN COVER

• COUVERCLE DE DRAIN

(71) TRIODYNE SAFETY SYSTEMS, LLC. [US/US]; 5950 West Touhy Avenue, Niles, IL 60714-4610 (US).

(72) BARNETT, Ralph, Lipsey; 2721 Alison Lane, Wilmette, IL 60091 (US). POCZYNOK, Peter, Joseph; 10334 S. Mayfield, Apt. 1N, Oak Lawn, IL 60453 (US).

(74) ERICKSON, Kevin, D. et al. / etc.; Pauley, Petersen, Kinne & Erickson, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 E04H 4/12

(11) WO 03/095769 (13) A1

(21) PCT/ZA02/00126

(22) 15 Aug/août 2002 (15.08.2002)

(25) en (26) en

(30) 2001/1316 16 Aug/août 2001 ZA (16.08.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC SWIMMING POOL WATER LEVEL REGULATOR UNIT

• UNITE DE REGULATION AUTOMATIQUE DU NIVEAU DE L'EAU D'UNE PISCINE

(71, 72) LAVAL, Marie, Bernard de Chaumont [ZA/ZA]; 17 Courtney Place, Panther Crescent, Boskruin, Randburg, Gauteng (ZA). BOTES, Keverne, Fredrick, Theodore [ZA/ZA]; 13 Faraday Road, Sunninghill, 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 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 E04H 17/20, 17/14

(11) WO 03/095770 (13) A1

(21) PCT/ES03/00206

(22) 8 May/mai 2003 (08.05.2003)

(25) es (26) es

(30) P 020101667 8 May/mai 2002 AR (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STRUCTURAL POST ASSEMBLY FOR REINFORCING FENCES

• ENSEMBLE DE PILIER STRUCTURAL POUR L'ARMATURE D'ENCEINTES

(71, 72) ALDO MEMI, Javier [IT/ES]; C/Llull, 350, 2do- 5ta, E-08019 Barcelona (ES).

(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 E05B 17/20

(11) WO 03/095771 (13) A1

(21) PCT/ES03/00181

(22) 21 Apr/avr 2003 (21.04.2003)

(25) es (26) es

(30) P 200201047 7 May/mai 2002 ES (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VANDAL-PROOF DEVICE FOR DOORS

• DISPOSITIF ANTI-INTRUSION POUR PORTES

(71, 72) BENITEZ CABALLERO, Jose Antonio [ES/ES]; c/Canonge Dr. August, 60, E-08840 Viladecans (ES).

(74) MARCO SASTRE, Francisco, G.; Juan Alvarez Mendizábal, 15 bjs., E-28008 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).

Published / Publiée : (c)

(51)⁷ E05B 19/04, B23P 15/00

(11) WO 03/095772 (13) A1

(21) PCT/US03/13989

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/379,739 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OVERMOLDED KEY ASSEMBLY WITH INSERT AND METHOD OF MAKING

• ENSEMBLE CLE SURMOULE POURVU D'UN INSERT ET PROCEDE DE FABRICATION

(71) HUF NORTH AMERICA AUTOMOTIVE PARTS MFG.CORP. [US/US]; 9020 W. Dean Road, Milwaukee, WI 53224 (US).

(72) **PLATE, Jeffrey**; 18165 Milwaukee Avenue, Brookfield, WI 53045 (US). **KEMMANN, Volker**; 2717 West Ranch Road, Mequon, WI 53092 (US).

(74) **RADLER, Daniel G.**; Quarles & Brady LLP, 411 E. 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 **E05B 39/02**

(11) **WO 03/095773** (13) A1

(21) PCT/EP03/50150

(22) **7 May/mai 2003 (07.05.2003)**

(25) fr (26) fr

(30) 02291188.7 **13 May/mai 2002** EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPURPOSE SEAL WITH LOCK

• SCELLE MULTI-USAGE A SERRURE

(71) **EUROPEAN COMMUNITY** [BE/BE]; B-1049 BRUSSELS (BE).

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(72, 75) **AZZALIN, Graziano** [IT/IT]; Via Santo Stefano, 26, I-28043 OLEGGIO (IT). **KORN, Christophe** [FR/IT]; Via Ronco, 1, I-21030 FERRERA DI VARESE (IT). **POUCET, André** [BE/IT]; Via Vittorio Veneto, 75, I-21033 CITTIGLIO (IT).

(74) **SCHMITT, Armand** et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **E05B 59/00, 47/00, 55/00**

(11) **WO 03/095774** (13) A1

(21) PCT/ES03/00193

(22) **5 May/mai 2003 (05.05.2003)**

(25) es (26) es

(30) P200201061 **8 May/mai 2002** ES (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOTOR-DRIVEN LOCK WITH LINEAR ACTUATOR

• FERMETURE MOTORISEE A ACTION-NEUR LINEAIRE

(71) **DOMÓTICA MANUFACTURA, S.L.** [ES/ES]; Tomás Bretón, 7-1°C, E-50005 Zaragoza (ES).

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(72, 75) **SAHUQUILLO DE LEÓN, Eduardo** [ES/ES]; Palacio, 53-2°C, E-20008 San Sebastián (ES).

(74) **UNGRÍA LÓPEZ, Javier**; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).

(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 **E05B 65/12**

(11) **WO 03/095775** (13) A1

(21) PCT/EP03/03807

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

(25) de (26) de

(30) 102 20 539.6 **8 May/mai 2002** DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FIXING DEVICE

• DISPOSITIF DE FIXATION

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE).

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(72, 75) **HAHNER, Michael** [DE/DE]; Reichenbergstrasse 43, 71067 Sindelfingen (DE).

(74) **BRANSE, Hermann** 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 **E05B 65/12, B60R 25/00, H03K 17/96**

(11) **WO 03/095776** (13) A1

(21) PCT/EP03/04986

(22) **13 May/mai 2003 (13.05.2003)**

(25) de (26) de

(30) 102 21 511.1 **14 May/mai 2002** DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • KEY-LESS SECURITY/ACTUATION DEVICE FOR MOTOR VEHICLES

• DISPOSITIF DE SECURITE ET D'ACTIONNEMENT SANS CLE POUR DES VEHICULES AUTOMOBILES

(71) **KIEKERT AKTIENGESSELLSCHAFT** [DE/DE]; Kettwigerstrasse 12-24, 42579 Heiligenhaus (DE).

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

(72, 75) **VAN GASTEL, Peter** [DE/DE]; Lindenstrasse 18, 40699 Erkrath (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 **E05D 7/00**

(11) **WO 03/095777** (13) A1

(21) PCT/EP03/04502

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) de (26) de

(30) 202 07 354.8 **8 May/mai 2002** DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HINGE FOR WINDOWS, DOORS OR THE LIKE

• PAUMELLE POUR FENETRES, PORTES OU ANALOGUES

(71) **DR. HAHN GMBH & CO. KG** [DE/DE]; Trompeterallee 162-170, 41189 Mönchengladbach (DE).

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

(72, 75) **HERGLOTZ, Tibor** [DE/DE]; An der Hardt 2a, 52372 Kreuzau (DE). **PAL-MOWSKY, Hans-Jürgen** [DE/DE]; Sperberweg 36, 41836 Hückelhoven (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/00**

(11) **WO 03/095778** (13) A1

(21) PCT/US03/14601

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/142,198 **9 May/mai 2002** US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRIVE SYSTEM FOR GARAGE DOOR

• SYSTEME D'ENTRAÎNEMENT POUR PORTE DE GARAGE

(71) **THE CHAMBERLAIN GROUP, INC.** [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).

(72) **OLMSTED, Robert, J.**; 161 East Louise Court, Wood Dale, IL 60191 (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).

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(51)⁷ E05F 15/00, 15/16, H01R 13/703

(11) WO 03/095779 (13) A1

(21) PCT/US03/08985

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 10/142,642 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR ADJUSTING AN INTERNAL OBSTRUCTION FORCE SETTING FOR A MOTORIZED GARAGE DOOR OPERATOR

• PROCEDE ET DISPOSITIF DE REGLAGE D'UNE FORCE D'OBSTRUCTION INTERNE POUR UN OPERATEUR DE PORTE DE GARAGE MOTORISEE

(71) **WAYNE-DALTON CORP.** [US/US]; One Door Drive, P.O. Box 67, Mt. Hope, OH 44660 (US).

(72) **MURRAY, James, S.**; 5809 Loring Drive, Milton, FL 32583 (US).

(74) **KENNER, Phillip, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, First National Tower, Fourth Floor, Akron, OH 44308-1456 (US).

(81) AU 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 E05F 15/10, 15/16, E05C 17/24, 17/28, 17/36

(11) WO 03/095780 (13) A1

(21) PCT/AU03/00575

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PS 2249 13 May/mai 2002 AU (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A DEVICE FOR STOPPING ROTATION OF A SHAFT

• DISPOSITIF CONÇU POUR ARRETER LA ROTATION D'UN ARBRE

(71) **OZROLL IP PTY LTD** [AU/AU]; 174 Cavan Road, Dry Creek, South Australia 5094 (AU).

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(72, 75) **CORBOY, Stephen, Noel** [AU/AU]; 18 Warramunga Street, Greenacres, South Australia 5086 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/10, 15/16, E05C 17/24, 17/28, 17/36

(11) WO 03/095781 (13) A1

(21) PCT/AU03/00576

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PS 2249 13 May/mai 2002 AU (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS TO ROLLER SHUTTERS

• AMELIORATIONS APPORTEES A DES VOLETS ROULANTS

(71) **OZROLL IP PTY. LTD.** [AU/AU]; 174 Cavan Road, Dry Creek, South Australia 5094 (AU).

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

(72, 75) **VAN DE LOO, Paul** [AU/AU]; Lot 26, Moores Road, Norton Summit, South Australia 5136 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/10, 11/50

(11) WO 03/095782 (13) A1

(21) PCT/EP03/04443

(22) 29 Apr/avr 2003 (29.04.2003)

(25) de (26) de

(30) 202 07 519.2 13 May/mai 2002 DE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROMOTIVE ACTUATOR

• MECANISME DE COMMANDE A MOTEUR ELECTRIQUE

(71) **RK ROSE + KRIEGER GMBH & CO. KG VRBINDUNGS- UND POSITIONIERSYSTEME** [—/DE]; Potsdamer Strasse 9, 32423 Minden (DE).

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

(72, 75) **SCHUNKE, Kurt** [DE/DE]; Petershäger Weg 12, 32427 Minden (DE). **BUCHHOLZ, Bernd** [DE/DE]; Bössel 7, 32369 Rahden (DE). **PALM, Dieter** [DE/DE]; Nordstrasse 56a, 33824 Werther (DE). **BRUNS, Gerhard** [DE/DE]; Strausweg 2, 31675 Bückeburg (DE).

(74) **LOESENBECK, Karl-Otto** et al. / etc.; Jöllenbecker Strasse 164, 33613 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 GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 E05G 5/00

(11) WO 03/095783 (13) A1

(21) PCT/US03/13259

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/143,159 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTEGRATED RAPID ACCESS ENTRY/EGRESS SYSTEM

• SYSTEME D'ENTREE/SORTIE A ACCES RAPIDE INTEGRE

(71) **SAFENTRY, LLC** [US/US]; 511 Burkes Drive, Coraopolis, PA 15108 (US).

(72) **YESH, Frank, C.**; 2941 Seminary Drive, Greensburg, PA 15601 (US). **PUSKARIC, John, L.**; 511 Burkes Drive, Coraopolis, PA 15108 (US).

(74) **COLDREN, Richard, J.**; Thorp Reed & Armstrong, LLP, One Oxford Centre, 14th Floor, 301 Grant Street, Pittsburgh, PA 15219 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 E06B

(11) WO 03/095784 (13) A2

(21) PCT/US03/13620

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/141,227 7 May/mai 2002 US
(07.05.2002)

(30) 10/351,656 24 Jan/jan 2003 US
(24.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PORTABLE CORRAL APPARATUS
• APPAREIL DE CORRAL PORTABLE

(71) PRAIRIE RIDGE PARTNERS [US/US];
P.O. Box 103, Buffalo Gap, SD 57722 (US).

(71, 72) CAMPBELL, Darrell, D. [US/US]; 103
Oak Street, Buffalo Gap, SD 57722 (US).
SANDER, Dana [US/US]; 106 Oak Street,
Buffalo Gap, SD 57722 (US).

(74) McCLAIN, James, W.; Brown, Martin,
Haller & McClain, LLP, 1660 Union Street,
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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 3/663, E04B 13/14

(11) WO 03/095785 (13) A1

(21) PCT/DK03/00302

(22) 7 May/mai 2003 (07.05.2003)

(25) da (26) en

(30) PA 2002 00693 7 May/mai 2002 DK
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PANEL ELEMENT COMPRISING A
FRAME WITH A PANEL UNIT

• ELEMENT DE PANNEAU COMPRE-
NANT UN CADRE ET UNE UNITE DE
PANNEAU

(71) VKR HOLDING A/S [DK/DK]; Tobaksve-
jen 10, DK-2860 Søborg (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SØNDERKÆR, Peter [DK/DK]; El-
lipsen 26, DK-7000 Fredericia (DK).

(74) CARLSSON, Eva et al. / etc.; Internationalt
Patent-Bureau A/S, Hoje 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 DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/095786 (13) A2

(21) PCT/US02/36825

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 10/142,741 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF AND SYSTEM FOR
BUILDING STRUCTURES AND
DRILLING OIL AND GAS WELLS
IN ARCTIC, INACCESSIBLE OR ENVI-
RONMENTALLY SENSITIVE LOCA-
TIONS

• PROCEDE ET SYSTEME POUR ERIG-
ER DES STRUCTURES ET FORER
DES Puits DE GAZ ET DE PETROLE
DANS DES REGIONS POLAIRES OU
DES LIEUX DIFFICILES D'ACCES OU
SITUES DANS UN ENVIRONNEMENT
SENSIBLE

(71) ANADARKO PETROLEUM CORPORA-
TION [US/US]; 1201 Lake Robbins Drive,
The Woodlands, TX 77380 (US).

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

(71, 72) KADASTER, Ali, G. [US/US]; 7 Rock-
ledge Drive, The Woodlands, TX 77382 (US).
MILLHEIM, Keith, K. [US/US]; 62 Thistle
Wind Court, The Woodlands, TX 77381 (US).

(74) JOBE, Jonathan, E., Jr.; 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 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 E21B

(11) WO 03/095787 (13) A2

(21) PCT/US03/14457

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/142,741 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR BUILD-
ING MODULAR STRUCTURES FROM
WHICH OIL AND GAS WELLS ARE
DRILLED

• PROCEDE ET SYSTEME DE
CONSTRUCTION DE STRUCTURES
MODULAIRES A PARTIR DES-
QUELLES DES Puits DE PETROLE
ET DE GAZ SONT FORES

(71) ANADARKO PETROLEUM CORPORA-
TION [US/US]; 1201 Lake Robbins Drive,
The Woodlands, TX 77380 (US).

(72) KADASTER, Ali, G.; 7 Rockledge Drive,
The Woodlands, TX 77382 (US). MILL-
HEIM, Keith, K.; 62 Thistle Wind Court,
The Woodlands, TX 77381 (US).

(74) FERRERA, Raymond, R. et al. / etc.;
Arnold & Associates, 2401 Fountain View,
Dr., Suite 630, 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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 17/01, 43/01

(11) WO 03/095788 (13) A1

(21) PCT/FR03/01384

(22) 5 May/mai 2003 (05.05.2003)

(25) fr (26) fr

(30) 0205968 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEAFLOOR/SURFACE CONNECTING
INSTALLATION FOR A SUBMARINE
PIPELINE WHICH IS CONNECTED TO
A RISER BY MEANS OF AT LEAST
ONE ELBOW PIPE ELEMENT THAT IS
SUPPORTED BY A BASE

• INSTALLATION DE LIAISON
FOND-SURFACE D'UNE CONDUITE
SOUS-MARINE RELIEE A UN RISER
PAR UN ELEMENT DE CONDUITE
SOUEE MAINTENU PAR UNE EM-
BASE

(71) SAIMPEM S.A. [FR/FR]; Energies, 1/7, Ave-
nue San Fernando, FR-78180 Montigny Le
Bretonneux (FR).
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les États désignés sauf US)

(72, 75) **CHIESA, Giovanni** [IT/IT]; Via Go-
rizia, 4, I-20097 San Donato Milanese (IT).
CASOLA, Floriano [IT/IT]; Via Dante
Alighieri, 26b, I-21045 gAZZADA schi-
anno (Va) (IT). **PIONETTI, François-Régis**
[FR/FR]; Le Haut Bosc, F-50450 La Baléine
(FR).

(74) **DOMANGE, Maxime**; Cabinet Beau de
Loménie, 232, avenue du Prado, F-13295
Marseille Cedex 08 (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)

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(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ **E21B 21/06**

(11) **WO 03/095789** (13) A1

(21) PCT/GB03/01986

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210543.5 **9 May/mai 2002** GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTAINER FOR HANDLING MATE-
RIAL

• CONTENEUR DESTINE A LA MANI-
PULATION DE MATERIAUX

(71) **TRANSFER SYSTEMS INTERNA-
TIONAL** [GB/GB]; Burghmuir Place,
Blackhall Industrial Estate, Inverurie, Ab-
erdeenshire AB51 4FX (GB).

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les États désignés sauf US)

(72, 75) **TERRY, Dean** [GB/GB]; 10 Seafiel
Crescent, Aberdeen AB15 7XD (GB).

(74) **MURGITROYD & COMPANY**; 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 21/10**

(11) **WO 03/095790** (13) A1

(21) PCT/GB03/01884

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) 10/142,651 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VALVE ASSEMBLY WITH LOCKING
SLEEVE FOR USE IN A WELLBORE

• ENSEMBLE SOUPE A MANCHON
DE BLOCAGE A UTILISER DANS UN
PUITS DE FORAGE

(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) **LAUREL, David, F.** 16331 Wytchwood Cir-
cle, Cypress, TX 77429 (US).

(74) **MARKS & CLERK**; 4220 Nash Court, Ox-
ford Business Park South, Oxford, Oxford-
shire 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 29/06**

(11) **WO 03/095791** (13) A1

(21) PCT/US02/14367

(22) **6 May/mai 2002 (06.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTILATERAL WELL DRILLING
AND REENTRY SYSTEM AND
METHOD

• FORAGE DE PUITS MULTILATERAL
ET SYSTEME ET PROCEDE DE REEN-
TREE

(71) **KMK TRUST** [US/US]; P.O. Box 130037,
The Woodlands, TX 77393 (US).

(72) **SCHICK, Robert, C.**; 62 S. Castlegreen Cir-
cle, The Woodlands, TX 77381 (US).

(74) **JENSEN, William, P.**; Shook, Hardy & Ba-
con L.L.P., Suite 1600, 600 Travis, Houston,
TX 77002-2911 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK 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 **E21B 37/00**

(11) **WO 03/095792** (13) A1

(21) PCT/NO03/00147

(22) **6 May/mai 2003 (06.05.2003)**

(25) no (26) en

(30) 20022166 **7 May/mai 2002** NO
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND A DEVICE FOR RE-
MOVING A HYDRATE PLUG

• PROCEDE ET DISPOSITIF DE SUP-
PRESSION DES BOUCHONS D'HY-
DRATE

(71) **AGR SERVICES AS** [NO/NO]; Lonavegen,
N-5342 STRAUME (NO).

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

(72, 75) **STAVE, Roger** [NO/NO]; Valahøgda 9,
N-5355 KNARREVIK (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 **E21B 43/10, 29/10**

(11) **WO 03/095793** (13) A1

(21) PCT/US03/14604

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/141,401 **8 May/mai 2002** US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF SCREEN OR PIPE EX-
PANSION DOWNHOLE WITHOUT AD-
DITION OF PIPE AT THE SURFACE

• PROCEDE D'EXTENSION DE FOND
DE CRIBLE OU DE CONDUITE SANS
AJOUT DE CONDUITE A LA SURFACE

(71) **BAKER HUGHES INCORPORATED**
[US/US]; 3900 Essex Lane, Suite 1200,
Houston, TX 77027 (US).

(72) **DAVIS, John, P.**; 12807 Hunterfield, Cypress, TX 77429 (US). **HOWELL, Edwin, C.**; 64 Champions Court Place, Houston, TX 77069 (US). **ROSENBLATT, Steve**; 317 West Redman Avenue, Haddonfield, NJ 08033 (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 43/14, 43/12, 34/06**

(11) **WO 03/095794** (13) A1

(21) PCT/US03/13596

(22) **3 May/mai 2003 (03.05.2003)**

(25) en (26) en

(30) 60/378,208 **6 May/mai 2002** US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPLE ZONE DOWNHOLE INTELLIGENT FLOW CONTROL VALVE SYSTEM AND METHOD FOR CONTROLLING COMMINGLING OF FLOWS FROM MULTIPLE ZONES

• SYSTEME DE VANNE DE REGULATION DE DEBIT INTELLIGENT DE FOND, A HORIZONS MULTIPLES, ET PROCEDE SERVANT A CONTROLER LE MELANGE D'ECOULEMENTS PROVENANT D'HORIZONS MULTIPLES

(71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) **JONES, Kevin, R.**; 19807 Oak Briar Drive, Humble, TX 77346 (US). **OLIN, Greg, K.**; 1915 Quail Valley East, Missouri City, TX 77459 (US). **WOLTERS, Sebastiaan, J.**; 2003 White Oak Hills Lane, Kingwood, TX 77339 (US). **CONSTANTINE, Jesse, J.**; 4011 Hills Springs Drive, Kingwood, TX 77345, AB15 9AH (US). **BILBERRY, David, A.**; 7910 Duncansby Vale, Houston, TX 77095 (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).

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(51)⁷ **E21B 43/30**

(11) **WO 03/095795** (13) A1

(21) PCT/US03/13954

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) 10/142,817 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR UNDERGROUND TREATMENT OF MATERIALS

• PROCEDE ET SYSTEME DE TRAITEMENT SOUTERRAIN DE MATERIAUX

(71) **CDX GAS, L.L.C.** [US/US]; 5485 Beltline Road, Suite 280, Dallas, Texas 75240-7656 (US).

(72) **ZUPANICK, Joseph, A.**; Post Office Box 1797, Pineville, WV 24874 (US). **RIAL, Monty, H.**; 4915 Sea Pines, Dallas, TX 75287 (US).

(74) **STALFORD, Terry, J.**; Baker Botts L.L.P., 2001 Ross Ave., Dallas, TX 75201-2980 (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 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 all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ **E21D 20/02, 21/00**

(11) **WO 03/095796** (13) A1

(21) PCT/GB03/02006

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,108 **10 May/mai 2002** US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROOF BOLTS FOR USE IN MINES, A METHOD FOR THEIR PRODUCTION

AND A METHOD FOR THEIR INSTALLATION

• BOULONS AU TOIT UTILISES DANS LES MINES, PROCEDE DE PRODUCTION ET PROCEDE D'INSTALLATION

(71) **MINOVA INTERNATIONAL LTD** [GB/GB]; Brookstreet Des Roches, 1 Des Roches Square, Witan Way, Witney OX28 4LF (GB).

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(72, 75) **MILLS, Peter, Shelley** [US/US]; 1710 Woodlake Road, Stamping Ground, KY 40379 (US).

(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 **E21F 17/02, F16L 3/08, 3/13, 3/14**

(11) **WO 03/095797** (13) A1

(21) PCT/AU03/00512

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) PS 2225 **10 May/mai 2002** AU (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LINE PROTECTING APPARATUS

• APPAREIL DE PROTECTION DE LIGNES

(71) **ACT (EUROPE) LTD** [GB/GB]; Unit 4, Creswell Business Park, Colliery Road Creswell Nr. Workshop, Nottinghamshire S80 4BQ (GB).

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(72, 75) **HOWARD, Peter** [AU/AU]; 29 Karokan Road, Lilli Pilli, NSW 2229 (AU).

(74) **F B RICE & CO**; 605 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/10

(11) WO 03/095798 (13) A1

(21) PCT/US03/14089

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,445 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH STROKE, HIGHLY INTEGRATED SMA ACTUATORS

• ACTIONNEURS SMA HAUTEMENT INTEGRÉS A COURSE ELEVEE

(71) NANOMUSCLE, INC. [US/US]; 2545 West 10th Street, Suite A, Antioch, CA 94509 (US).

(72) VON BEHRENS, Peter, Emery; 4021 Rocky Point Drive, Antioch, CA 94509 (US). FAIRBANKS, Dylan, Miller; 2817 1/2 College Avenue, Apt. 9A, Berkeley, CA 94705 (US).

(74) GALLIANI, William, S. 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 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 F01C 1/20, F04C 18/20, F02B 53/00

(11) WO 03/095799 (13) A1

(21) PCT/US03/13786

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/380,101 6 May/mai 2002 US (06.05.2002)

(30) 10/426,419 30 Apr/avr 2003 US (30.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NON-ECCENTRIC DEVICES

• DISPOSITIFS NON EXCENTRIQUES

(71, 72) LURTZ, Jerome, R. [US/US]; 895 W. Romeo Rd, Oakland, MI 48363 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LURTZ, Jerome, R. [US/US]; 895 W. Romeo Rd, Oakland, MI 48363 (US).

(74) VOCI, Christopher, J.; Dobrusin & Then-nisch PC, 401 S. Old Woodward Avenue, Suite 311, 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 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 F01C 1/344, 11/00

(11) WO 03/095800 (13) A1

(21) PCT/AT02/00142

(22) 7 May/mai 2002 (07.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROTARY PISTON INTERNAL COMBUSTION ENGINE WITH AN IMPROVED COMBUSTION PROCESS

• MOTEUR A COMBUSTION INTERNE A PISTON ROTATIF DONT LE PROCESSUS DE COMBUSTION EST AME-LIORE

(71, 72) RECHBERGER, Michael [AT/AT]; Linzerstrasse 18/20, A-4170 Haslach (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 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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(u) for / pour US only / seulement

(51)⁷ F01D 11/22, 21/04, G01B 7/14

(11) WO 03/095801 (13) A1

(21) PCT/JP03/05629

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,112 14 May/mai 2002 US (14.05.2002)

(30) 10/173,552 14 Jun/juin 2002 US (14.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GAS TURBINE ENGINE WITH ACTIVE TIP CLEARANCE CONTROL

• TURBINE A GAZ AVEC COMMANDE DE JEU D'EXTREMITÉ ACTIF

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP). STANFORD UNIVERSITY [US/US]; 1705, El Camino Real, Palo Alto, CA 94306 (US).

(72) PRINZ, Fritz; c/o Stanford University, Building 530, Room 226, Stanford, CA 94305-3030 (US). KANG, Sangkyun; c/o Stanford University, Building 530, Room 226,

Stanford, CA 94305-3030 (US). FABIAN, Tibor; c/o Stanford University, Building 530, Room 226, Stanford, CA 94305-3030 (US). BRASSEUR, Georg; c/o University of Technology Graz, Kopernikusgasse 24, A-A-8010 Graz (AT). TRESSER, Jordan; c/o M-dot Aerospace, 3418, South 48th Street, Suite 3, Phoenix, AZ 85040 (US). HOLMAN, Frank; c/o M-dot Aerospace, 3418, South 48th Street, Suite 3, Phoenix, AZ 85040 (US). TSURU, Hideaki; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). MATSUNAGA, Minoru; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(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 F01K 27/00, F03G 7/04, C02F 1/04

(11) WO 03/095802 (13) A1

(21) PCT/GR02/00029

(22) 14 May/mai 2002 (14.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMBINED DESALT-HYDROELECTRIC POWER PLANT

• CENTRALE COMBINANT DESSALEMENT ET PRODUCTION HYDROELECTRIQUE

(71, 72) ANGELOPOULOS, Efthimios [GR/GR]; Anco Maritime Activities, Loydovikoy 2, GR-18531 Piraeus (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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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(s) for all designations / pour toutes les désignations

(51)⁷ F01L 1/34, 1/352, F02D 13/02, F01L 1/344

(11) WO 03/095803 (13) A1

(21) PCT/EP03/02788

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 20 687.2 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAMSHAFT ADJUSTER WITH AN ELECTRICAL DRIVE

• DISPOSITIF DE REGLAGE D'ARBRE A CAMES A ENTRAÎNEMENT ELECTRIQUE

(71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).
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(72, 75) **SCHÄFER, Jens** [DE/DE]; Spiegelgartenstrasse 40, 91074 Herzogenaurach (DE).
STEIGERWALD, Martin [DE/DE]; Heinrich-Kirchner 32, 91056 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 F01L 3/10, F02F 1/24, 1/42

(11) **WO 03/095804** (13) A1

(21) PCT/JP03/05801

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-135762 **10 May/mai 2002 (10.05.2002)** JP

(30) 2003-009479 **17 Jan/jan 2003 (17.01.2003)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VALVE SPRING SUPPORTING STRUCTURE OF ENGINE

• STRUCTURE DE SOUTIEN D'UN RESORT DE VANNE DE MOTEUR

(71) **YAMAHA HATSUDOKI KABUSHIKI KAISHA** [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
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(72, 75) **KUROSAWA, Shinichi** [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) **SHIMOICHI, Tsutomu**; 19-23-715, Utsuhonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (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 F01L 13/00, 1/04

(11) **WO 03/095805** (13) A1

(21) PCT/EP03/04627

(22) **2 May/mai 2003 (02.05.2003)**

(25) de (26) de

(30) 102 21 133.7 **13 May/mai 2002 (13.05.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRIVE AND DISPLACEMENT SYSTEM FOR VARIABLE VALVE-CONTROLLED DISTRIBUTION

• SYSTEME D'ENTRAÎNEMENT ET DE DEPLACEMENT POUR COMMANDES A SOUPAPES VARIABLES

(71) **THYSSENKRUPP AUTOMOTIVE AG** [DE/DE]; Alleestrasse 165, 44793 Bochum (DE).
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(72, 75) **NAUMANN, Herbert** [DE/DE]; Goethestrasse 1, 25335 Elmshorn (DE).

(74) **THYSSENKRUPP AUTOMOTIVE AG**; Recht und Patente, Alleestrasse 165, 44793 Bochum (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

(11) **WO 03/095806** (13) A2

(21) PCT/FR03/01422

(22) **7 May/mai 2003 (07.05.2003)**

(25) fr (26) fr

(30) 02/05742 **7 May/mai 2002 (07.05.2002)** FR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLEANABLE DEVICE FOR DEPOLUTATION OF AN ENGINE EXHAUST GASES

• DISPOSITIF NETTOYABLE DE DEPOLUTATION DES GAZ D'ÉCHAPPEMENT D'UN MOTEUR

(71) **FAURECIA SYSTEMES D'ÉCHAPPEMENT** [FR/FR]; 2 rue Hennape, F-92000 NANTERRE (FR).
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(72, 75) **HEYDENS, Jacques** [FR/FR]; 24 rue Edgar Faure, F-25400 EXINCOURT (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).

(51)⁷ F01N 3/00, H05F 3/00, B01J 19/08

(11) **WO 03/095807** (13) A1

(21) PCT/US03/14035

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,693 **8 May/mai 2002 (08.05.2002)** US

(30) 60/430,677 **4 Dec/déc 2002 (04.12.2002)** US

(30) 60/435,278 **23 Dec/déc 2002 (23.12.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED ENGINE EXHAUST TREATMENT

• TRAITEMENT DES GAZ D'ÉCHAPPEMENT D'UN MOTEUR ASSISTÉ PAR PLASMA

(71) **DANA CORPORATION** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).
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(72, 75) **CHERIAN, Kuruvilla, A.** [AU/US]; 3265 Bolgos Circle, Ann Arbor, MI 48105 (US). **KUMAR, Devendra** [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). **KUMAR, Satyendra** [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/025 // F02D 13/04

(11) **WO 03/095808** (13) A1

(21) PCT/SE03/00639

(22) **7 May/mai 2003 (07.05.2003)**

(25) sv (26) en

(30) 0201410-8 **7 May/mai 2002 (07.05.2002)** SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE REGENERATION OF A PARTICLE FILTER, AND A VEHICLE IN WHICH SUCH A METHOD IS UTILIZED

• PROCÉDE DE RÉGÉNÉRATION D'UN FILTRE À PARTICULES ET VÉHICULE DESTINÉ À L'UTILISATION D'UN TEL PROCÉDE

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERSSON, Per** [SE/SE]; Fornfyndsvägen 18, S-433 41 Partille (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **F01P 3/22, 9/06, F25B 27/02, 15/00, B60H 1/32, F02G 5/02**

(11) **WO 03/095809** (13) A1

(21) PCT/IB03/00344

(22) **3 Feb/fév 2003 (03.02.2003)**

(25) fr (26) fr

(30) 02010583.9 **10 May/mai 2002** EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MOTOR VEHICLE COOLING AND DE-POLLUTING DEVICE**
• DISPOSITIF DE REFRROIDISSEMENT ET DE DE POLLUTION D'UN VEHICULE A MOTEUR

(71) **S.F.T. SERVICES SA** [CH/CH]; Rue de la Blancherie 63, CH-1950 Sion (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUZZO, Vitale** [IT/IT]; Via Monte Cavallo 38, San Germano dei Berici, I-36040 Vicenza (IT).

(74) **GRIFFES CONSULTING S.A.**; 81, route de Florissant, CH-1206 Genève (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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01P 7/16, F16K 31/68**

(11) **WO 03/095810** (13) A1

(21) PCT/JP03/02957

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) ja (26) ja

(30) 2002-135080 **10 May/mai 2002** JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ELECTRONICALLY CONTROLLED THERMOSTAT**

• THERMOSTAT A COMMANDE ELECTRONIQUE

(71) **NIPPON THERMOSTAT CO., LTD.** [JP/JP]; 59-2, Nakazato 6-chome, Kiyose-City, Tokyo 204-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Masanori** [JP/JP]; c/o NIPPON THERMOSTAT CO., LTD., 59-2, Nakazato 6-chome, Kiyose-City, Tokyo 204-0003 (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 **F02B 29/02, F02M 35/10, F02D 9/10**

(11) **WO 03/095811** (13) A1

(21) PCT/DE03/01477

(22) **8 May/mai 2003 (08.05.2003)**

(25) de (26) de

(30) 102 21 429.8 **14 May/mai 2002** DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SUCTION PIPE FOR AN AIR SUCTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE**

• TUBULURE D'ADMISSION POUR SYSTEME D'ASPIRATION D'AIR DE MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIMBRUNNER, Hubert** [DE/DE]; Am Fischmarkt 18, 94356 Kirchroth (DE).
SCHNABEL, Werner [DE/DE]; Heckgrabenweg 21, 93055 Regensburg (DE).
WOLFRAM, Berthold [DE/DE]; Am Gutshof 6, 93055 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

Published / Publiée : (c)

(51)⁷ **F02B 37/04, 37/10, 37/14, 37/22, 37/24, F01D 17/16**

(11) **WO 03/095812** (13) A1

(21) PCT/EP03/03118

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) de (26) de

(30) 102 21 014.4 **11 May/mai 2002** DE (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **VARIABLE, EXHAUST-GAS TURBOCHARGER WITH AN AUXILIARY DRIVE FOR AN INTERNAL COMBUSTION ENGINE**

• TURBOCOMPRESSEUR A GAZ D'ECHAPPEMENT, A GEOMETRIE VARIABLE ET A ENTRAINEMENT

SUPPLEMENTAIRE POUR UN MOTEUR A COMBUSTION INTERNE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINGER, Helmut** [DE/DE]; Bergstrasse 73, 70771 Leinfelden-Echterdingen (DE).
FLEDERBACHER, Peter [DE/DE]; Fred-Uhlmann-Strasse 1, 70619 Stuttgart (DE).
STUTE, Manfred [DE/DE]; Kim-michsweiler Weg 45, 73730 Esslingen (DE).
SUMSER, Siegfried [DE/DE]; Im unteren Kienle 9, 70184 Stuttgart (DE).

(74) **SCHRAUF, Matthias et al. / etc.**; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 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 RO SE SI SK TR).

Published / Publiée : (a)

(51)⁷ **F02B 75/24**

(11) **WO 03/095813** (13) A1

(21) PCT/PH02/00006

(22) **24 Apr/avr 2002 (24.04.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AXIALLY ALIGNED OPPOSED PISTON ENGINE**

• MOTEUR A PISTONS OPPOSES AXIALEMENT ALIGNES

(71, 72) **SEGADOR, Gil, G.** [PH/PH]; 22 South-pointe Town Homes, Edison, Parañaque City 1709 (PH).

(74) **VILLARAZA & ANGANGCO**; 5th Floor, LTA Building, 118 Perea Street, Legaspi Village, Makati City 1229 (PH).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F02C 3/067**

(11) **WO 03/095814** (13) A1

(21) PCT/US03/14110

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/141,026 **8 May/mai 2002** US (08.05.2002)

(30) 10/175,487 **19 Jun/juin 2002** US (19.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **HIGH EFFICIENCY GAS TURBINE POWER GENERATOR SYSTEMS**

- SYSTEMES A TURBINES A GAZ A HAUT RENDEMENT

(71, 72) PAUL, Marius, A. [US/US]; 1120 East ELM Avenue, Fullerton, CA 92631 (US).

(74) PETERSON, Richard, Esty; 1905-D Palmetto Avenue, Pacifica, CA 94044 (US).

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

(r) for all designations / pour toutes les designations

(s) for all designations / pour toutes les designations

(51)⁷ F02D 9/16, F02B 31/06

(11) WO 03/095815 (13) A1

(21) PCT/DE03/01402

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 340.7 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLAP VALVE FOR AN AIR INDUCTION CHANNEL OF AN INTERNAL COMBUSTION ENGINE

- SOUPAPE A CLAPET POUR CANAL D'ASPIRATION D'AIR DE MOTEUR A COMBUSTION INTERNE

(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, Peter [DE/DE]; Regensburger Str. 7, 93152 Nittendorf (DE). RIEPL, Toni [DE/DE]; Abensbergerstr. 34, 93342 Saal A. D. Donau (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

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(51)⁷ F02D 31/00, 41/16

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(21) PCT/DE03/01520

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 380.1 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR REGULATING AN OPERATIONAL CHARACTERISTIC VARIABLE IN A MOTOR VEHICLE

- PROCEDE ET DISPOSITIF DE REGULATION D'UNE GRANDEUR DE FONCTIONNEMENT DANS UN VEHICULE

(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) WAGNER, Horst [DE/DE]; Muehlstrasse 16, 70469 Stuttgart (DE).

BECKER, Matthias [DE/DE]; Ringstrasse 23, 74357 Boennigheim (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(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).

(51)⁷ F02D 41/02, F01N 3/20

(11) WO 03/095817 (13) A1

(21) PCT/DE03/01407

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 20 337.7 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE THAT IS EQUIPPED WITH A THREE-WAY CATALYTIC CONVERTER

- PROCEDE D'EXPLOITATION D'UN MOTEUR A COMBUSTION INTERNE EQUIPE D'UN POT CATALYTIQUE TRIFONCTIONNEL

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) RÖSEL, Gerd [DE/DE]; In Der Obern AU 21, 93055 Regensburg (DE). PÖHMERER, Wolf-Dieter [DE/DE]; Gutenbergstrasse 5c, 93051 Regensburg (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 F02D 41/14, 41/40, 35/02

(11) WO 03/095818 (13) A1

(21) PCT/EP03/03261

(22) 28 Mar/mar 2003 (28.03.2003)

(25) de (26) de

(30) 102 21 001.2 11 May/mai 2002 DE (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR DETERMINING THE AMOUNT OF PRE-INJECTION

- PROCEDE ET DISPOSITIF POUR DETERMINER UNE QUANTITE DE PREINJECTION

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

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

(72, 75) FEKETE, Nicholas [GB/DE]; Im Krautgärtle 7, 70734 Fellbach (DE). HERWEG, Rüdiger [DE/DE]; Eichendorffstrasse 56, 73734 Esslingen (DE). JEGELKA, Jürgen [DE/DE]; Moerikestrasse 32, 73773 Aichwald (DE). KESSLER, Michael [DE/DE]; Künzenstrasse 23, 71229 Leonberg-Warmbronn (DE).

(74) SCHRAUF, Mathias et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 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 RO SE SI SK TR).

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(51)⁷ F02D 41/18, 41/10, 41/38

(11) WO 03/095819 (13) A1

(21) PCT/DE03/01487

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 377.1 14 May/mai 2002 DE (14.05.2002)

(30) 103 16 186.4 9 Apr/avr 2003 DE (09.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING THE QUANTITY OF FUEL TO BE INJECTED INTO A SELF-IGNITING INTERNAL COMBUSTION ENGINE

- PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER LA QUANTITE DE CARBURANT A INJECTER DANS UN MOTEUR A COMBUSTION INTERNE A ALLUMAGE AUTOMATIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) BLEILE, Thomas; Burenstrasse 29, 70435 Stuttgart (DE). MICHALSKE, Andreas; Glorstrasse 12, 71229 Leonberg (DE). KRAUS, Benedikt; Jaegerstrasse 2, 70806 Kornwestheim (DE). RUPP, Andreas; Schwabstrasse 100, 71672 Marbach (DE). KNITZ, Ralf; Troppauerstrasse 26, 74321 Bietigheim-Bissingen (DE). MADER, Christian; Bergstaffelstrasse 21, 70329 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(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).

Published / Publiée : (c)

(51)⁷ F02D 41/22, 35/02, 41/14

(11) WO 03/095820 (13) A1

(21) PCT/EP03/04381

(22) 26 Apr/avr 2003 (26.04.2003)

(25) de (26) de

(30) 102 20 320.2 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

• PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BETSCH, Jochen [DE/DE]; Buchhaldenstrasse 22, 71334 Waiblingen (DE).
ENGEL, Ulrich [DE/DE]; Obere Dickne 11, 73207 Plochingen (DE).

(74) KREISER, André et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 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 RO SE SI SK TR).

(51)⁷ F02D 45/00, 29/02

(11) WO 03/095821 (13) A1

(21) PCT/JP03/05364

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002-134859 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR EVALUATING FUEL SAVING OPERATION

• SYSTEME ET PROCEDE PERMETTANT DE MESURER LA BAISSÉ DE CONSOMMATION DE CARBURANT D'UN VEHICULE

(71) ISUZU MOTORS LIMITED [JP/JP]; 26-1, Minami-ohi 6-chome, Shinagawa-ku, Tokyo 140-8722 (JP).

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

(72, 75) ISHIGURO, Shinichi [JP/JP]; 29-1-432, Kamikodanaka 3-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0053 (JP).

(74) HONJO, Tomio; Parsley Family Bld. 3F, 2-2-14, Kasumigasaki-Higashi, Kawagoe-shi, Saitama 350-1103 (JP).

(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).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AU CN EP (AT BE 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 F02G 1/053

(11) WO 03/095822 (13) A1

(21) PCT/GB03/02058

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210929.6 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A STIRLING ENGINE ASSEMBLY
• ENSEMBLE MOTEUR STIRLING

(71) MICROGEN ENERGY LIMITED [GB/GB]; 100 Thames Valley Park, Reading, Berkshire RG6 1PT (GB).

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

(72, 75) ALDERSON, John, Howard [GB/GB]; Narrow Lane House, Coasthill, Crich, Matlock, Derbyshire DE4 5DS (GB).
LAMB, Jennifer, Jane [GB/GB]; 86 Willmott Road, Sutton Coldfield, West Midlands B75 5NW (GB).
HYDE, Julie, Patricia [GB/GB]; 14 Albert Road, Millisons Wood, Meriden CV5 9AS (GB).
ALLDERIDGE, Heather, [GB/GB]; 51 Derby Road, Aston-on-Trent, Derby, Derbyshire DE72 2AE (GB).
CLARK, David, Anthony [GB/GB]; 4 Mill Dam, Hugglescote, Leicestershire LE67 2BU (GB).

(74) DRAPER, Martyn, John 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 F02M

(11) WO 03/095823 (13) A2

(21) PCT/US03/15098

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,657 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONSTANT-SPEED MULTI-PRESSURE FUEL INJECTION SYSTEM FOR IMPROVED DYNAMIC RANGE IN INTERNAL COMBUSTION ENGINE

• SYSTEME D'INJECTION DE CARBURANT A VITESSE CONSTANTE ET A NIVEAUX DE PRESSION MULTIPLES CONÇU POUR AMELIORER LA PLAGE DYNAMIQUE D'UN MOTEUR THERMIQUE

(71) TMC CO. [US/US]; P.O. Box 423, Wayne, PA 19087-0423 (US).

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

(72, 75) HOU, Shou, L. [US/US]; 123 Woods Lane, Radnor, PA 19087 (US).

(74) DORFMAN, John, C.; Dann Dorfman Herrell and Skillman, P.C., 1601 Market Street, Suite 2400, Philadelphia, PA 19103-2307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 39/02, 59/44

(11) WO 03/095824 (13) A1

(21) PCT/JP03/05800

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-135762 10 May/mai 2002 JP (10.05.2002)

(30) 2003-009478 17 Jan/jan 2003 JP (17.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUEL PUMP MOUNTING STRUCTURE OF FUEL INJECTION ENGINE

• STRUCTURE DE MONTAGE DE POMPE DE CARBURANT POUR MOTEUR A INJECTION DE CARBURANT

(71) YAMAHA HATSUDOKI KABUSHI KIKAIISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

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

(72, 75) KUROSAWA, Shinichi [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) SHIMOICHI, Tsutomu; 19-23-715, Utsuhonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (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 F02M 47/02, 61/16, 61/04

(11) WO 03/095825 (13) A1

(21) PCT/DE03/01448

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 931.6 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INJECTOR FOR FUEL INJECTION

• INJECTEUR D'INJECTION DE CARBURANT

(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. 17e, 93059 Regensburg (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 F02M 55/02
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(21) PCT/DE03/01431
(22) 5 May/mai 2003 (05.05.2003)
(25) de (26) de
(30) 102 20 339.3 7 May/mai 2002 DE
(07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • FUEL DISTRIBUTION PIPE FOR MOTOR VEHICLE INJECTION DEVICES, IN PARTICULAR FOR COMMON RAIL SYSTEMS
• TUYAU DE DISTRIBUTION DE CARBURANT POUR DISPOSITIF D'INJECTION DE CARBURANT, EN PARTICULIER POUR DES SYSTEMES A RAIL COMMUN
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ZANDER, Eckbert [DE/DE]; Nussweg 1, 93105 Tegernheim (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 F02N 11/04, H02K 7/18, F02C 7/268
(11) WO 03/095827 (13) A1
(21) PCT/US03/12098
(22) 18 Apr/avr 2003 (18.04.2003)
(25) en (26) en
(30) 10/143,281 10 May/mai 2002 US
(10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHODS FOR STARTING A COMBUSTION TURBINE AND COMBUSTION TURBINE GENERATOR CONFIGURED TO IMPLEMENT SAME METHODS
• PROCEDES DE DEMARRAGE D'UNE TURBINE A COMBUSTION ET GENERATEUR A TURBINE A COMBUSTION AGENCE POUR METTRE EN OEUVRE CES PROCEDES
(71) SIEMENS WESTINGHOUSE POWER CORPORATION [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).
(72) NELSON, Robert J.; 722 S. Lake Formosa Dr., Orlando, FL 32803 (US).
(74) BRENNAN, Terrence M. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (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 SE SI SK TR).

- (51)⁷ F02P 19/02, F23Q 7/00
(11) WO 03/095828 (13) A1
(21) PCT/JP03/05923
(22) 13 May/mai 2003 (13.05.2003)

- (25) ja (26) ja
(30) 2002-139341 14 May/mai 2002 JP
(14.05.2002)
(30) 2002-346962 29 Nov/nov 2002 JP
(29.11.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • CONTROLLER OF GLOW PLUG AND GLOW PLUG
• MODULE DE COMMANDE POUR BOUGIE DE PRECHAUFFAGE ET BOUGIE DE PRECHAUFFAGE
(71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GOTOH, Shunsuke [JP/JP]; c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). KUMADA, Chiaki [JP/JP]; c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). KIMATA, Hiroyuki [JP/JP]; c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). MURAMATSU, Seigo [JP/JP]; c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). SAKURAI, Takayuki [JP/JP]; c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP).
(74) SHIGA, Fujiya; c/o Shiga Patent Office, Ekisaka Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (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 F03D 1/00, 7/00, 11/02
(11) WO 03/095829 (13) A1
(21) PCT/EP03/04684
(22) 5 May/mai 2003 (05.05.2003)
(25) de (26) de
(30) 102 21 348.8 8 May/mai 2002 DE
(08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • GROUP OF WIND POWER INSTALLATIONS HAVING DIFFERENT NOMINAL POWERS FOR AN IDENTICAL DRIVE TRAIN
• ENSEMBLE D'EOLIENNES DEVELOPPANT DES PUISSANCES NOMINALES DIFFERENTES POUR UNE TRANSMISSION IDENTIQUE
(71) NORDEX ENERGY GMBH [DE/DE]; Bornbarch 2, 22848 Norderstedt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) STEPHAN, Arndt [DE/DE]; Bornbarch 2, 22848 Norderstedt (DE).
(74) SCHILDBERG, Peter; Neuer Wall 41, 20354 Hamburg (DE) et al. / etc.
(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 F03D 1/02, 1/04
(11) WO 03/095830 (13) A1
(21) PCT/EP03/04990
(22) 13 May/mai 2003 (13.05.2003)
(25) de (26) de
(30) 102 21 544.8 14 May/mai 2002 DE
(14.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • WIND TURBINE WITH SHEATH
• TURBINE EOLIENNE A GAINÉ
(71) FLOSBAACH, Hans-Jürgen [DE/DE]; Schreibersheide 35, 51469 Bergisch-Gladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) WILHELM, Alfred [DE/DE]; Friedrich-Ebert-Ufer 50, 51143 Köln (DE).
(74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstrasse 97-99, 40237 Düsseldorf (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).

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- (51)⁷ F04B 1/32, 49/00
(11) WO 03/095831 (13) A1
(21) PCT/EP03/03793
(22) 11 Apr/avr 2003 (11.04.2003)
(25) de (26) de
(30) 102 20 889.1 10 May/mai 2002 DE
(10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • REGULATING DEVICE FOR HYDROSTATIC PISTON MACHINES
• DISPOSITIF DE REGLAGE POUR DES MACHINES A PISTON HYDROSTATIQUES
(71) BRUENINGHAUS HYDROMATIK GMBH [DE/DE]; Glockeraustrasse 2, 89275 Elchingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LILLA, Winfried [DE/DE]; Lindauerstrasse 7, 89233 Neu-Ulm (DE).

(74) KÖRFER, Thomas, et.al.; Mitscherlich & Partner, Sonnenstrasse 33, 80331 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 F04B 17/03

(11) WO 03/095832 (13) A1

(21) PCT/US03/14627

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/142,181 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SELF CONTAINED PUMP ELECTRICAL EQUIPMENT POWER SUPPLY

• BLOC D'ALIMENTATION D'EQUIPEMENT ELECTRIQUE A POMPE AUTONOME

(71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; 1105 North Market Street, Suite 1217, Wilmington, DE 19801 (US).

(72) SABINI, Eugene, P.; 6 Prentiss Drive, Skaneateles, NY 13152 (US). LORENC, Jerome, A.; 5 Courtney Drive, Seneca Falls, NY 13152 (US). HENYAN, Oakley; 3708 E. Genesee Street Road, Auburn, NY 13021 (US). HAUENSTEIN, Kenneth, L.; 37 1/2 Sackett Street, Seneca Falls, NY 13148 (US).

(74) SCHWARZ, Paul, A.; Duane Morris LLP, One College Road West, Suite 100, Princeton, NJ 08540-6604 (US).

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

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

(51)⁷ F04B 27/12, B22C 9/10

(11) WO 03/095833 (13) A1

(21) PCT/JP03/05728

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002/137363 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPRESSOR AND METHOD OF MANUFACTURING PISTON USED FOR THE COMPRESSOR

• COMPRESSEUR ET PROCEDE DE FABRICATION DE PISTONS UTILISES DANS LE COMPRESSEUR

(71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Ohsato-gun, Saitama 360-0193 (JP).

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

(72, 75) TANABE, Hiromichi [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Ohsato-gun, Saitama 360-0193 (JP). ISHIDA, Hiroyuki [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Ohsato-gun, Saitama 360-0193 (JP).

(74) MORI, Masazumi; 9-10, Honcho 2-chome, Nakano-ku, Tokyo 164-0012 (JP).

(81) JP US.

(84) EP (DE FR).

(51)⁷ F04B 39/02, 27/10

(11) WO 03/095834 (13) A1

(21) PCT/JP02/13788

(22) 27 Dec/déc 2002 (27.12.2002)

(25) ja (26) ja

(30) 2002-137980 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECIPROCATING COMPRESSOR

• COMPRESSEUR ALTERNATIF

(71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).

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

(72, 75) KANAI, Hiroshi [JP/JP]; c/o ZEXEL VALEO CLIMATE CONTROL CORPORATION, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).

(74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (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 SE SK TR).

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(51)⁷ F04B 39/10

(11) WO 03/095835 (13) A1

(21) PCT/JP03/05346

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002/136060 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPRESSOR

• COMPRESSEUR

(71) SANDEN CORPORATION [JP/JP]; 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP).

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

(72, 75) NAKAMURA, Shinji [JP/JP]; c/o SANDEN CORPORATION, 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP).

(74) YOSHIDA, Kiyotaka; Meiwa Bldg., 15-10, 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 F04B 39/12, 39/06

(11) WO 03/095836 (13) A1

(21) PCT/JP03/03621

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-134523 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPRESSOR USED FOR AIR CONDITIONING SYSTEM FOR CAR AND HOUSING OF THE COMPRESSOR

• COMPRESSEUR UTILISE AVEC UN SYSTEME D'AIR CONDITIONNE POUR VOITURE ET BOITIER DUDIT COMPRESSEUR

(71) KABUSHIKI KAISHA UNICLA J [JP/JP]; 125 Aza Nagaregawa, Oaza Toyoba, 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 RO SE SI SK TR).

(51)⁷ F04B 43/04

(11) WO 03/095837 (13) A1

(21) PCT/EP03/04754

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 371.7 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FREE JET DOSING MODULE AND METHOD FOR THE PRODUCTION THEREOF

• MODULE DE DOSAGE A JET LIBRE ET PROCEDE PERMETTANT DE LE PRODUIRE

(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) **WACKERLE, Martin** [DE/DE]; Grafinger Strasse 20, 83565 Tegernau (DE). **RICHTER, Martin** [DE/DE]; Brahmsstrasse 6, 81677 München (DE).

(74) **SCHOPPE, Fritz** et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei 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 **F04B 43/10, 49/00, 35/02, 43/08**

(11) **WO 03/095838** (13) A1

(21) PCT/US03/15007

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/143,403 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUID-HANDLING SYSTEM, COMPONENTS AND METHOD

• SYSTEME DE GESTION D'UN FLUIDE, COMPOSANTS ET PROCEDE

(71) **HTE NORTH AMERICA** [US/US]; 6540 Lusk Blvd., Suite C276, San Diego, CA 92121 (US).

(72) **FEYGIN, Ilya**; 853 Hillside Avenue, Mountaintside, NJ 07092 (US). **NEWSAM, John, M.**; 4303 Corte A1 Fresco, San Diego, CA 92130 (US).

(74) **BREYER, Wayne, S.**; DeMont & Breyer, LLC, Suite 250, 100 Commons Way, Holmdel, NJ 07733 (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 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 **F04B 53/16, 1/04**

(11) **WO 03/095839** (13) A1

(21) PCT/DE03/01541

(22) **13 May/mai 2003 (13.05.2003)**

(25) de (26) de

(30) 102 21 305.4 **14 May/mai 2002 DE (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RADIAL PISTON PUMP FOR A FUEL INJECTION SYSTEM HAVING IMPROVED HIGH-PRESSURE RESISTANCE

• POMPE A PISTONS RADIAUX DESTINEE A UN SYSTEME D'INJECTION DE CARBURANT PRESENTANT UNE MEILLEURE RESISTANCE AUX PRES-SIONS ELEVEES

(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) **WUETHERICH, Paul** [DE/DE]; Aberlin-Joerg-Strasse 1, 71701 Schwieberdingen (DE). **GUENTERT, Josef** [DE/DE]; Bus-sardweg 6, 70839 Gerlingen (DE). **LINEK, Karl-Heinz** [DE/DE]; Fuchsgrube 17, 71686 Remseck (DE). **KLEER, Florian** [DE/DE]; Amselweg 8, 66589 Merchweiler (DE). **LOESCH, Gert** [DE/DE]; Moehringer Strasse 5, 70794 Filderstadt-Sielmingen (DE). **GRABERT, Peter** [DE/DE]; Kohlstrasse 59a, 66450 Hoechen (DE). **CIMAGLIA, Nicola** [IT/IT]; Viale Cavalieri di Malta 26/6, I-70017 Putignano (IT). **DIAFERIA, Antonio** [IT/IT]; Via E. Zola, 5, I-70033 Corato Bari (IT). **IOR-IZZO, Rosanna** [IT/IT]; V. le Martiri della resistenza 36/A, I-70056 Molfetta (IT). **RANALDO, Sandra** [IT/IT]; Via dei Mille 7, I-40121 Bologna (IT). **PALMA, Giuseppe** [IT/IT]; Via A. Vaccaro, 22, I-70121 Bari (IT).

(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).

Published / Publiée : (c)

(51)⁷ **F04C 15/04, F16N 13/20**

(11) **WO 03/095840** (13) A1

(21) PCT/IT03/00279

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) B02002A 000275 **10 May/mai 2002 IT (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VARIABLE-DELIVERY ROTARY PUMP, IN PARTICULAR FOR OIL

• POMPE ROTATIVE A DEBIT VARIABLE, NOTAMMENT A HUILE

(71) **PIERBURG S.p.A.** [IT/IT]; Zona Industriale-Contrada Cerratina, I-66034 Lanciano (IT).

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(72, 75) **MARIOTTI, Luca** [IT/IT]; Via Kinzica dei Sismondi, 32, I-56100 Pisa (IT).

(74) **JORIO, Paolo** et al. / etc.; C/O Studio Torta S.R.L., Via Viotti, 9, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **F04C 29/10, 23/00, 18/16**

(11) **WO 03/095841** (13) A1

(21) PCT/FR03/01339

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) fr (26) fr

(30) 02/05906 **14 May/mai 2002 FR (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPRESSED GAS PRODUCTION INSTALLATION AND OPERATING METHOD THEREOF

• INSTALLATION DE PRODUCTION D'UN GAZ COMPRIME ET PROCEDE D'EXPLOITATION DE CETTE INSTALLATION

(71) **L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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(72, 75) **LAROYE, Stéphane** [FR/FR]; 3, rue de la Tête Ronde, F-91190 Villiers-Le-Bac-le (FR). **PANCRAZI, François** [FR/FR]; 64, rue de l'Egalité, Appt. 2103, F-92130 Issy-Les-Moulineaux (FR).

(74) **CONAN, Philippe** et al. / etc.; L'Air Liquide SA, 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 UZ VN YU ZA ZM ZW.

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

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(51)⁷ **F04D 13/06, 13/02, 29/58**

(11) **WO 03/095842** (13) A1

(21) PCT/DE03/01462

(22) **7 May/mai 2003 (07.05.2003)**

(25) de (26) de

(30) 102 20 477.2 **7 May/mai 2002 DE (07.05.2002)**

(30) 103 17 492.3 **16 Apr/avr 2003 DE (16.04.2003)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRIVING MOTOR, ESPECIALLY FOR A PUMP

• MOTEUR DE COMMANDE, NOTAMMENT D'UNE POMPE

(71) **EMU UNTERWASSERPUMPEN GMBH** [DE/DE]; Heimgartenstrasse 1-3, 95030 Hof (DE).

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

(72, 75) **HUSTER, Bernd** [DE/DE]; Jean-Paul-Strasse 12, 95213 Münchberg (DE). **GEIER, Wolfgang** [DE/DE]; Lerchenbergstrasse 3, 95030 Hof (DE).

(74) **ZINSINGER, Norbert** et al. / etc.; Louis . Pöhlau . Lohrentz, 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).

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(51)⁷ F04D 29/44

(11) WO 03/095843 (13) A1

(21) PCT/CA03/00526

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/140,101 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISCRETE PASSAGE DIFFUSER
• DIFFUSEUR A PASSAGE DISCRET

(71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; c/o Todd D. Bailey, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBERTS, Douglas** [CA/CA]; 40 Sofran Drive, Cambridge, Ontario N3C 4G5 (CA). **LEBLANC, Andre** [CA/CA]; 1770 des Erables, St. Bruno, Québec J3V 4P3 (CA). **KACKER, Suresh** [CA/CA]; 2254 Cedarberry Court, Oakville, Ontario L6J 6E5 (CA). **TOWNSEND, Peter** [CA/CA]; 4083 Martien Crescent, Mississauga, Ontario L5L 2H4 (CA). **SASU, Ioan** [CA/CA]; 7380 Trudeau, Brossard, Québec J4W 2M3 (CA).

(74) **BAILEY, Todd, D.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(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 F04F 1/06, F04B 19/24

(11) WO 03/095844 (13) A1

(21) PCT/AT03/00132

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) A 711/2002 7 May/mai 2002 AT (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STEAM PUMP

• POMPE A VAPEUR

(71, 72) **KUNZE, Gerhard** [AT/AT]; Hauptstrasse 90, A-3012 Wolfsgraben (AT).

(74) **GIBLER, Ferdinand**; Dorotheergasse 7/14, 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).

Published / Publiée : (c)

(51)⁷ F15B 1/02

(11) WO 03/095845 (13) A1

(21) PCT/DE03/01455

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 21 276.7 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYDRAULIC SYSTEM COMPRISING PRESSURE-CONTROLLED DAMPING MEANS

• SYSTEME HYDRAULIQUE AVEC DISPOSITIF D'AMORTISSEMENT DEPENDANT DE LA PRESSION

(71) **EATON FLUID POWER GMBH** [DE/DE]; Dr.-Reckeweg-Str. 1, 76532 Baden-Baden (DE).

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(72, 75) **ZIMPFER, Michael** [DE/DE]; Erzbergerring 9, 76275 Ettlingen (DE).

(74) **RÜGER, BARTHELT & ABEL**; Webergasse 3, 73728 Esslingen (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 F15B 7/00, F16L 37/08, 21/035, 47/00, 33/207, B29C 45/16

(11) WO 03/095846 (13) A1

(21) PCT/DE03/01513

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 268.6 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYDRAULIC SYSTEM

• SYSTEME HYDRAULIQUE

(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) **POPP, Udo** [DE/DE]; Beethovenstrasse 27, 77815 Bühl (DE). **WELTER, Roland** [DE/DE]; Schlosshöhe 4, 77815 Bühl (DE). **ZINK, Matthias** [DE/DE]; Hausäcker 3, 7783 Ottenhöfen (DE). **HÖNEMANN, Rudolf** [DE/DE]; Schwarzwaldstrasse 44, 77833 Ottersweier (DE). **HEITBAUM, Markus** [DE/DE]; Eichwaldstrasse 32, 77830 Bühlertal (DE). **PANTHER, Urban** [DE/DE]; Rosenweg 1, 77960 Seelbach (DE). **GRABENSTÄTTER, Jan** [DE/DE]; Friedhofstrasse 17, 76593 Gernsbach (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 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 F16B 12/18, 5/02, A47B 47/04

(11) WO 03/095847 (13) A1

(21) PCT/AU03/00574

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) PS 2269 13 May/mai 2002 AU (13.05.2002)

(30) 2002951143 30 Aug/août 2002 AU (30.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A BENCH FASTENER

• DISPOSITIF DE FIXATION D'ETABLI

(71, 72) **SMITH, Scott** [AU/AU]; 86 Kildare Street, North Geelong, Victoria 3215 (AU).

(74) **GRIFFITH HACK**; GPO Box 1285K, 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 F16B 19/10

(11) WO 03/095848 (13) A1

(21) PCT/IB03/01782

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0210463.6 8 May/mai 2002 GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A BLIND RIVET

• RIVET AVEUGLE

(71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(72) JONES, Steven, Victor; 34 Shenstone Road, Great Barr, Birmingham B43 5LN (GB). MORRIS, Stephen; Flat 2, Charles Court, Berryfields Road, Walmley, Sutton Coldfield B76 2UT (GB). HUGHES, James; 62 Tideswell Road, Great Barr, Birmingham B42 2DT (GB).

(81) CN SG.

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(51)⁷ F16B 23/00

(11) WO 03/095849 (13) A1

(21) PCT/GB03/01992

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210743.1 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTEGRATED FASTENING SYSTEM

• SYSTEME DE FIXATION INTEGREE

(71) UNI-SCREW LIMITED [GB/GB]; Hardwicke Mill, Clifford, Herefordshire HR3 5EZ (GB).

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

(72, 75) BROOKS, Lawrence, Antony [GB/GB]; 67 Westminster Avenue, Lodge Moor, Sheffield S10 4ER (GB). SIDWELL, Steven [GB/GB]; Sunnybank, Stratford Road, Lapworth Hill, Solihull B94 5PB (GB).

(74) LUNT, Mark; Harrison Goddard Foote, Fountain Precinct, Leopold Street, Sheffield S1 2QD (GB) 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 F16B 39/20

(11) WO 03/095850 (13) A1

(21) PCT/JP02/04554

(22) 9 May/mai 2002 (09.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOCKING DEVICE FOR BOLT AND NUT

• DISPOSITIF BLOQUANT POUR BOULON ET ECROU

(71) THUOU HATUJYOU KOUGYOU CO., LTD. [JP/JP]; 503, Oaza junicho, 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, Kitakyusyu-shi, Fukuoka 805-0050 (JP). ITOU, Yuichi [JP/JP]; c/o Thuou Hatujyou Kougyou Co., Ltd., 503, Oaza junicho, Hita-shi, Oita 877-0000 (JP). GOTOU, Kouki [JP/JP]; c/o Thuou Hatujyou Kougyou Co., Ltd., 503, Oaza junicho, 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 3/02, F16F 15/02, 15/10, F16H 25/24

(11) WO 03/095851 (13) A1

(21) PCT/JP03/05879

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-138725 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SHAFT MEMBER WITH VIBRATION DAMPING FUNCTION

• ARBRE AVEC FONCTION D'AMORTISSEMENT DES VIBRATIONS

(71) THK CO., LTD. [JP/JP]; 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP).

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

(72, 75) MICHIOKA, Hidekazu [JP/JP]; c/o THK Co., Ltd., 11-6, Nishigotanda 3-chome,

Shinagawa-ku, Tokyo 141-8503 (JP). NIWA, Hiroshi [JP/JP]; c/o THK Co., Ltd., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP). TAMANO, Masahiko [JP/JP]; c/o THK Co., Ltd., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP).

(74) IDE, Tetsuroh et al. / etc.; 5th Floor, Central Shinbashi Bldg., 11-5, Nishi-shinbashi 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/10, 17/26, 33/10, G11B 19/20

(11) WO 03/095852 (13) A2

(21) PCT/US03/14495

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,876 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUID DYNAMIC BEARING WITH NON-LINEAR DAMPING

• PALIER HYDRODYNAMIQUE A AMORTISSEMENT NON LINEAIRE

(71) SEAGATE TECHNOLOGY, LLC [US/US]; 920 Disc Drive, Building 15, Scotts Valley, CA 95067-0360 (US).

(72) LEUTHOLD, Hans; 1238 Escalona Drive, Santa Cruz, CA 95060 (US). IMMISCH, Susan; 215 Bob's Lane, Scotts Valley, CA 95066 (US). CEBALLOS, Saul; 816 Vermont Street, Watsonville, CA 95076 (US). TILLER, Michael; 127 Felix Street, Apt. 9, Santa Cruz, CA 95060 (US).

(74) SHERIDAN, James, A. et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) CN DE GB JP KR SG.

(51)⁷ F16C 19/16, B62D 1/16

(11) WO 03/095853 (13) A1

(21) PCT/EP03/01656

(22) 19 Feb/fév 2003 (19.02.2003)

(25) de (26) de

(30) 102 20 688.0 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROLLER BEARING FOR BEARING A STEERING AXLE

• ROULEMENT SERVANT DE PALIER A UN ARBRE DE DIRECTION

(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) **PLÖTZ, Rainer** [DE/DE]; Hechtweg 9, 91056 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 **F16C 25/06**
- (11) **WO 03/095854** (13) A1
- (21) PCT/US03/10421
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) en (26) en
- (30) 10/142,294 **9 May/mai 2002 (09.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CYLINDRICAL ROLLER BEARING WITH PRELOAD CAPABILITY
- ROULEMENT A ROULEAUX CYLINDRIQUES A CAPACITE DE PRECHARGE
- (71) **THE TIMKEN COMPANY** [US/US]; 1835 DUEBER AVENUE S.W., CANTON, OH 44706 (US).
- (72) **KOTZALAS, Michael, N.**; 2009 ORD PLACE NW, CANTON, OH 44709 (US). **KNUDSEN, Rogert, D.**; 315 ORION STREET NE, NORTH CANTON, OH 44720 (US).
- (74) **WARREN, Douglas, E.**; Polster, Lieder, Woodruff & Lucchesi, L.C., 763 South 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).
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- (51)⁷ **F16C 33/64, B24B 39/04, C21D 9/40, 7/08**
- (11) **WO 03/095855** (13) A1
- (21) PCT/JP03/06032
- (22) **14 May/mai 2003 (14.05.2003)**
- (25) ja (26) ja
- (30) 2002/138970 **14 May/mai 2002 (14.05.2002)** JP
- (30) 2002/138971 **14 May/mai 2002 (14.05.2002)** JP
- (30) 2002/277535 **24 Sep/sep 2002 (24.09.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF PRODUCING BEARING RACEWAY MEMBER
- PROCEDE DE FABRICATION DE CHEMIN DE ROULEMENT
- (71) **KOYO SEIKO CO., LTD.** [JP/JP]; 5-8, Minamisemba 3-Chome, Chuo-Ku, Osaka-shi, Osaka 542-0081 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBATA, Masamichi** [JP/JP]; 5-290, Kirigaoka, Aoyama-cho, Naga-gun, Mie 518-0225 (JP). **KOMEYAMA, Nobuo** [JP/JP]; 1642-44, Hatakeda 7-Chome, Oji-cho, Kitakatsuragi-gun, Nara 636-0021 (JP). **HARADA, Hisashi** [JP/JP]; Koyo Seiko Asahigaoka-ryo 1316, 13-1, Asahigaoka 2-Chome, Kashiwara-shi, Osaka 582-0026 (JP).
- (74) **WATANABE, Takafumi**; SUNCREST PATENT AND TRADEMARK ATTORNEYS, KOBE ISUZU RECRUIT BLDG., 2-2, KUMOIDORI 4-CHOME, CHUO-KU, KOBE-SHI, Hyogo 651-0096 (JP).
- (81) CN KR US.
- (84) EP (DE FR IT).
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- (51)⁷ **F16C 33/76, F16J 15/02, B60B 27/00**
- (11) **WO 03/095856** (13) A1
- (21) PCT/GB03/02035
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 0210773.8 **10 May/mai 2002 (10.05.2002)** GB
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • STATIC SEAL BETWEEN A BEARING RING AND A SHAFT
- JOINT STATIQUE ENTRE UNE COURONNE D'APPUI ET UN ARBRE
- (71) **POLYMER SEALING SOLUTIONS LTD** [GB/GB]; Ashchurch, Tewkesbury, Gloucestershire GL20 8JS (GB). **THE TIMKEN COMPANY** [US/US]; 1835 Dueber Avenue S.W., Canton, OH 44706 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMSON, David, Mark** [GB/GB]; 60 Amersham Way, Measham, Swadlincote DE12 7PD (GB). **STURMAN, Graham** [GB/GB]; 58 Summerfields, West Hunsbury, Northampton NN4 9YN (GB).
- (74) **WARDLE, Callum, Tarn 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).
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **F16D 3/205**
- (11) **WO 03/095857** (13) A1
- (21) PCT/EP03/04478
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) de (26) de
- (30) 102 20 836.0 **8 May/mai 2002 (08.05.2002)** DE
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYNCHRONIZED SLIDING JOINT
- JOINT COULISSANT HOMOCINETIQUE
- (71, 72) **GIRGUIS, Sobhy Lahib** [DE/DE]; Magdalenenstrasse 19, 53842 Troisdorf (DE).
- (74) **VALENTIN, Ekkehard et al.** / etc.; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 **F16D 48/08, B62M 17/00**
- (11) **WO 03/095858** (13) A1
- (21) PCT/JP03/05609
- (22) **2 May/mai 2003 (02.05.2003)**
- (25) ja (26) ja
- (30) 2002-135667 **10 May/mai 2002 (10.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CLUTCH ENGAGEMENT CONTROL DEVICE
- DISPOSITIF DE COMMANDE D'ENCLenchement D'EMBRAYAGE
- (71) **YAMAHA HATSUDOKI KABUSHIKI KAISHA** [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
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- (72, 75) **KOSUGI, Makoto** [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). **ZENNO, Toru** [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). **YAMADA, Masaichi** [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (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 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 F16D 51/48, 65/22

(11) WO 03/095859 (13) A1

(21) PCT/EP03/04311

(22) 25 Apr/avr 2003 (25.04.2003)

(25) fr (26) fr

(30) 02/05768 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOTOR VEHICLE DRUM BRAKE AND RELATED ASSEMBLING METHOD

• FREIN A TAMBOUR D'UN VEHICULE ET PROCEDE DE MONTAGE ASSOCIE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Wernerstrasse 1, 70442 STUTTGART (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPUIS, Vincent** [FR/FR]; 52, rue Raymond du Temple, F-94300 VINCENNES (FR).

(74) **HURWIC, Aleksander**; BOSCH SYSTEMES DE, FREINAGE, Service Brevets, 126, rue de Stalingrad, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 65/092

(11) WO 03/095860 (13) A1

(21) PCT/EP03/04935

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 516.2 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISC BRAKE EQUIPPED WITH A FLOATING CALIPER AND SEVERAL OUTER BRAKE PADS DIRECTLY SUPPORTED ON THE BRAKE ANCHOR PLATE

• FREIN A DISQUE POURVU D'UN ETRIER FLOTTANT ET DE PLUSIEURS PLAQUETTES DE FREIN EXTERIEURES DIRECTEMENT SUPPORTEES CONTRE LA FLASQUE DE FREIN

(71) **CONTINENTAL TEVESAG & CO. OHG** [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/M. (DE).

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(72, 75) **BACH, Uwe** [DE/DE]; Gartenfeldstr. 20, 65527 Niedernhausen (DE). **HENDRICH, Uwe** [DE/DE]; Ahornweg 19, 61449 Steinbach (DE). **WEILER, Rolf** [DE/DE]; Zum Kohlwaldfeld 20, 65817 Eppstein (DE). **BUNGERT, Hans** [DE/DE]; Schlossheide 17, 65366 Geisenheim (DE). **HEINZ, Stefan** [DE/DE]; Bezirksstrasse 36, 65817 Eppstein (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, 60488 Frankfurt/M. (DE).

(81) CN DE JP KR US.

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

(51)⁷ F16F 7/08

(11) WO 03/095861 (13) A1

(21) PCT/US02/41411

(22) 23 Dec/déc 2002 (23.12.2002)

(25) en (26) en

(30) 10/140,341 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETICALLY ACTUATED MOTION CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE MOUVEMENT A ACTIONNEMENT MAGNETIQUE

(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, PO Box 8012, Cary, NC 27512-8012 (US).

(72) **CARLSON, J., David**; 429 Oakridge Road, Cary, NC 27511 (US).

(74) **DEARTH, Miles, B.**; Lord Corporation, 111 Lord Drive, PO Box 8012, Cary, NC 27512-8012 (US).

(81) CN JP KR.

(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 F16F 15/36, B24B 23/02, 47/12

(11) WO 03/095862 (13) A1

(21) PCT/SE03/00776

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,765 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR AUTOMATICALLY COMPENSATING FOR UNBALANCED RESISTANCE FORCES

• SYSTEME ET PROCEDE DE COMPENSATION AUTOMATIQUE DES FORCES DE RESISTANCE NON EQUILIBREES

(71) **SKF AUTOBALANCE SYSTEMS AB** [SE/SE]; S-415 50 Göteborg (SE).

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

(72, 75) **LINDELL, Hans** [SE/SE]; Brunnstorpshage 43, S-423 70 Säve (SE). **JÖNSSON, Joakim** [SE/SE]; Byamannagatan 1, S-422 44 Hisings-Backa (SE). **WIERZBA, Paul** [CA/CA]; 4 Maple Court Crescent SE, Calgary, Alberta T2J 1V7 (CA). **WENDT, Volker** [DE/SE]; Bangatan 30, S-414 63 Göteborg (SE).

(74) **STRÖM & GULLIKSSON IP AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(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).

Published / Publiée : (c)

(51)⁷ F16G

(11) WO 03/095863 (13) A2

(21) PCT/US03/13919

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,048 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TOOL FOR INSTALLATION AND REMOVAL OF POWER TRANSMISSION BELTS

• OUTIL D'INSTALLATION ET DE RETRAIT DE COURROIES DE TRANSMISSION D'ENERGIE

(71) **DAYCO PRODUCTS, LLC** [US/US]; 1 Prestige Place, Miamisburg, OH 45342 (US).

(72) **GERRING, Doug, G.**; 738 Marion Drive, Holly, MI 48442 (US). **GARDNER, David, E.**; 3704 Mark Orr, Royal Oak, MI 48073 (US). **BRUNDAGE, Brian, A.**; 5836 Mary Sue, Clarkston, MI 48346 (US).

(74) **BECKER, Robert, W.**; Robert, Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 F16G 5/08, 1/10, 5/20
- (11) WO 03/095864 (13) A1
- (21) PCT/US03/12375
- (22) 18 Apr/avr 2003 (18.04.2003)
- (25) en (26) en
- (30) 10/143,060 10 May/mai 2002 US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BELT
• COURROIE
- (71) THE GATES CORPORATION [US/US];
900 South Broadway, Denver, CO 80209
(US).
- (72) WELK, Susan; 14172 W. Evans Circle,
Lakewood, CO 80228 (US).
- (74) THURNAU, Jeffrey; The Gates Corpora-
tion, Mail Stop: 31-4-1-A3, 900 S. Broadway,
Denver, CO 80209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 F16H 3/66
- (11) WO 03/095865 (13) A1
- (21) PCT/EP03/04649
- (22) 2 May/mai 2003 (02.05.2003)
- (25) de (26) de
- (30) 102 21 095.0 11 May/mai 2002 DE
(11.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MULTI-STAGE TRANSMISSION
• BOITE DE VITESSES MULTI-ETAGEE
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ZIEMER, Peter [DE/DE]; Rudolf-
Gnädinger-Weg 7, 88069 Tettnang (DE).
TIESLER, Peter [DE/DE]; Tettnanger
Strasse 48, 88074 Meckenbeuren (DE).
GIERLING, Armin [DE/DE]; Föhrenweg
15/1, 88085 Langenargen (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038
Friedrichshafen (DE).
- (81) BR 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 F16H 3/66
- (11) WO 03/095866 (13) A1
- (21) PCT/EP03/04672
- (22) 5 May/mai 2003 (05.05.2003)
- (25) de (26) de
- (30) 102 21 096.9 11 May/mai 2002 DE
(11.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SIX-SPEED AUTOMATIC GEARBOX
• TRANSMISSION AUTOMATIQUE 6 VI-
TESSES
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BAUKNECHT, Gert [DE/DE]; Schul-
strasse 27 A, 88090 Immenstaad (DE).
BUCKSCH, Manfred [DE/DE]; Am Rosen-
hag 9, 88046 Friedrichshafen (DE). GÄRT-
NER, Lutz [DE/DE]; Alfred-Weiss-Strasse
17, 88085 Langenargen (DE). SCHERER,
Heribert [DE/DE]; Anemonenweg 19,
88074 Meckenbeuren (DE). ZIEMER, Peter
[DE/DE]; Rudolf-Gnädinger-Weg 7, 88069
Tettnang (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038 Frei-
drichshafen (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 F16H 7/06, 55/30, F16G 13/04
- (11) WO 03/095867 (13) A1
- (21) PCT/US03/14072
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 60/378,273 6 May/mai 2002 US
(06.05.2002)
- (30) 60/387,219 8 Jun/juin 2002 US
(08.06.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CUSHIONED SPROCKET AND IM-
PROVED INVERTED TOOTH CHAIN
FOR USE WITH SAME
• PIGNON ANTIVIBRATOIRE ET
CHAINE DENTEE AMELIOREE IN-
VERSEE PREVUE POUR ETRE UTILI-
SEE AVEC CE DERNIER
- (71) CLOYES GEAR AND PRODUCTS, INC.
[US/US]; 8500 Station Street, Suite 235,
Mentor, OH 44060 (US).
- (72) YOUNG, James, D.; 9394 Deitering Road,
Chesaning, MI 48616 (US).
- (74) HAAS, Steven, M.; Fay, Sharpe, Fagan,
Minnich & McKee, LLP, Seventh Floor, 1100
Superior Avenue, Cleveland, OH 44114-2579
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 9/18, B60K 17/06
- (11) WO 03/095868 (13) A1
- (21) PCT/JP03/05877
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-136424 13 May/mai 2002 JP
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • VEHICLE WITH CONTINUOUSLY
VARIABLE TRANSMISSION
• VEHICULE AVEC TRANSMISSION
A CHANGEMENT DE VITESSES
CONTINU
- (71) YAMAHA HATSUDOKI KABUSHIKI
KAISHA [JP/JP]; 2500, Shingai, Iwata-shi,
Shizuoka 438-8501 (JP).
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les États désignés sauf US)*
- (72, 75) SUZUKI, Takahiro [JP/JP]; c/o
YAMAHA HATSUDOKI KABUSHIKI
KAISHA, 2500, Shingai, Iwata-shi, Shizuoka
438-8501 (JP). TAKEBE, Mitsukazu
[JP/JP]; c/o YAMAHA HATSUDOKI
KABUSHIKI KAISHA, 2500, Shingai,
Iwata-shi, Shizuoka 438-8501 (JP). UNNO,
Toshio [JP/JP]; c/o YAMAHA HATSUDOKI
KABUSHIKI KAISHA, 2500, Shingai,
Iwata-shi, Shizuoka 438-8501 (JP).
- (74) ARAI, Jun; 11-37, Takata-nishi 2-chome,
Kohoku-ku, Yokohama-shi, Kanagawa 223-
0066 (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 F16H 25/22, B62D 5/04
- (11) WO 03/095869 (13) A1
- (21) PCT/JP03/05859
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-137325 13 May/mai 2002 JP
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BALL SCREW DEVICE AND ELEC-
TRIC TYPE POWER STEERING DE-
VICE

- DISPOSITIF DE VIS A BILLES ET DISPOSITIF DE DIRECTION ASSISTEE DE TYPE ELECTRIQUE

(71) TOYODA KOKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 1-chome, Kariya-shi, Aichi 448-8652 (JP).

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(72, 75) YAMAMOTO, Yasuharu [JP/JP]; c/o Toyoda Koki Kabushiki Kaisha, 1, Asahi-machi 1-chome, Kariya-shi, Aichi 448-8652 (JP). KAMIMAE, Hajime [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8572 (JP).

(74) KOBAYASHI, Osamu; Kawashima Bldg. 2nd Floor, 19-13, Kanayamacho 1-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0002 (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 RO SE SI SK TR).

(51)⁷ F16H 57/04, 57/08

(11) WO 03/095870 (13) A1

(21) PCT/EP03/04601

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 102 21 097.7 11 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLANETARY GEAR

- ENGRENAGE PLANETAIRE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).

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

(72, 75) BAUKNECHT, Gert [DE/DE]; Schulstrasse 27 A, 88090 Immenstaad (DE). ZIEMER, Peter [DE/DE]; Rudolf-Gnädinger-Weg 7, 88069 Tettnang (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (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 F16H 61/22, 63/48

(11) WO 03/095871 (13) A2

(21) PCT/DE03/01464

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 903.0 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR OPERATING ESPECIALLY AN AUTOMATIC OR AUTOMATED GEARBOX COMPRISING A PARKING BRAKE AND A RUNAWAY LOCKING MECHANISM

- PROCEDE ET DISPOSITIF DE FONCTIONNEMENT NOTAMMENT D'UNE BOITE AUTOMATIQUE OU AUTOMATISEE COMPORTANT UN FREIN DE

STATIONNEMENT OU UNE SECURITE DE DERIVE

(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). SCHWEIZER, Alexander [DE/DE]; Am Schäferloch 20, 75045 Walzbachtal-Jöhlingen (DE). LANG, Dietmar [DE/DE]; Römerstrasse 12, 66989 Höheischweiler (DE). KÜPPER, Klaus [DE/DE]; Karl-Fanz-Strasse 24A, 77815 Bühl (DE). POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (DE). BENZ, Jürgen [DE/DE]; Weingärtnerstrasse 20, 77704 Öberkirch (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 F16J

(11) WO 03/095872 (13) A2

(21) PCT/US03/13946

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/143,304 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METAL END CAP SEAL WITH O-RINGS

- ELEMENT D'ETANCHEITE A COIFFES D'EXTREMITES METALLIQUES ET JOINTS TORIQUES

(71) COOPER CAMERON CORPORATION [US/US]; 1333 West Loop South, Suite 1700, Houston, TX 77027-9109 (US).

(72) KEENE, Kendall, E.; 906 Pear Tree Ln., Houston, TX 77073 (US).

(74) FORINASH, Derek, V. et al. / etc.; CONLEY ROSE, P. C., P. O. Box 3267, Houston, TX 77253-3267 (US).

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

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

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

(51)⁷ F16J

(11) WO 03/095873 (13) A2

(21) PCT/US03/13950

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/143,277 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METAL END CAP SEAL WITH PRESURE TRAP

- JOINT D'ÉTANCHÉITÉ D'OBTURATEUR À CAPTAGE DE LA PRESSION

(71) COOPER CAMERON CORPORATION [US/US]; 1333 West Loop South, Suite 1700, Houston, TX 77027-9109 (US).

(72) KEENE, Kendall, E.; 906 Pear Tree Ln., Houston, TX 77073 (US). WOLFF, Danny, Kay; 4103 Lusborough, Houston, TX 77066 (US).

(74) FORINASH, Derek, V. et al. / etc.; Conley Rose, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

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

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

(51)⁷ F16J

(11) WO 03/095874 (13) A2

(21) PCT/US03/13951

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/143,418 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METAL END CAP SEAL WITH ANNULAR PROTRUSIONS

- JOINT D'ETANCHEITE D'OBTURATEUR METALLIQUE PRESENTANT DES PROTUBERANCES ANNULAIRES

(71) COOPER CAMERON CORPORATION [US/US]; 1333 West Loop South, Suite 1700, Houston, TX 77027-9109 (US).

(72) KEENE, Kendall, E.; 906 Pear Tree Ln., Houston, TX 77073 (US). WOLFF, Danny, Kay; 4103 Lusborough, Houston, TX 77066 (US). CZYREK, Roman; 1914 Brimberry, Houston, TX 77018 (US).

(74) **FORINASH, Derek, V. et al. / etc.;** Conley Rose, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

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

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

(51)⁷ **F16J 15/12**

(11) **WO 03/095875** (13) A1

(21) PCT/DE03/01424

(22) **5 May/mai 2003 (05.05.2003)**

(25) de (26) de

(30) 102 20 399.7 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH PRESSURE SEAL
• JOINT HAUTE PRESSION

(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) **WUETHERICH, Paul [DE/DE];** Aberlin-Joerg-Strasse 1, 71701 Schwieberdingen (DE). **GUENTERT, Josef [DE/DE];** Busardweg 6, 70839 Gerlingen (DE). **LINEK, Karl-Heinz [DE/DE];** Fuchsgrube 17, 71686 Remseck (DE). **KLEER, Florian [DE/DE];** Amselweg 8, 66589 Merchweiler (DE). **LOESCH, Gert [DE/DE];** Mochringer Strasse 5, 70794 Filderstadt-Sielmingen (DE). **GRABERT, Peter [DE/DE];** Kohlstrasse 59a, 66450 Hoechen (DE). **CIMAGLIA, Nicola [IT/IT];** Viale Cavalieri di Malta 26/6, I-70017 Putignano (IT). **DIAFERIA, Antonio [IT/IT];** Via E. Zola, 5, I-70033 Corato Bari (IT). **IORIZZO, Rosanna [IT/IT];** V. le Martiri della resistenza 36/A, I-70056 Molfetta (IT). **RANALDO, Sandra [IT/IT];** Via dei Mille, 7, I-40121 Bologna (IT). **PALMA, Giuseppe [IT/IT];** Via A. Vaccaro, 22, I-70121 Bari (IT).

(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).

Published / Publiée : (c)

(51)⁷ **F16K 5/06**

(11) **WO 03/095876** (13) A1

(21) PCT/EP02/05077

(22) **8 May/mai 2002 (08.05.2002)**

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SHUT-OFF COCK

• ROBINET D'ARRET

(71) **IMT ARMATUREN AG [CH/CH];** Sonnenstrasse 8-10, CH-9434 Au (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUMRATH, Rainald [CH/CH];** Kapfstrasse 22, CH-9436 Balgach (CH).

(74) **MAUCHER, Börjes & Kollegen;** Dreikönigstrasse 13, 79102 Freiburg (DE).

(81) AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BG BY CA CH CN CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DZ EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GE HR HU IL IS JP KG KP KR KZ LT LU LV MD MK MN NO NZ PL PT RO RU SE SI SK (Utility model / modèle d'utilité) SK TJ TM TR UA US UZ YU.

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

(51)⁷ **F16K 15/16**

(11) **WO 03/095877** (13) A1

(21) PCT/US03/10791

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) en (26) en

(30) 10/142,509 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REED VALVE ASSEMBLY

• ENSEMBLE SOUPAPE A CLAPETS

(71) **MOTO TASSINARI, INC. [US/US];** Scott TASSINARI, 10 Technology Drive, West Lebanon, NH 03784 (US).

(72) **TASSINARI, Scott;** Moto Tassinari, Inc., 10 Technology Drive, West Lebanon, NH 03784 (US). **TASSINARI, Steve;** Moto Tassinari, Inc., 10 Technology Drive, West Lebanon, NH 03784 (US).

(74) **SULLIVAN, Todd et al. / etc.;** Devine, Milimet & Branch, P.A., 111 Amherst St., Box 719, Manchester, NH 03105 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/26, 17/04**

(11) **WO 03/095878** (13) A1

(21) PCT/CA03/00662

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,390 **8 May/mai 2002 (08.05.2002)** US

(30) 2,385,374 **8 May/mai 2002 (08.05.2002)** CA

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GAS SAFETY VALVE
• SOUPAPE DE DECHARGE GAZEUSE

(71) **TEPSA, Gordon, E. [CA/CA];** RR#1, Site 30, Comp. 2, 8101 McLachlan Street, Summerland, British Columbia V0H 1Z0 (CA). **ELLIOTT, Robert, W. [CA/CA];** RR#1, Site 30, Comp. 2, 8101 McLachlan Street, Summerland, British Columbia V0H 1Z0 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TEPSA, Brian [CA/CA];** 911 Newton Drive, Penticton, British Columbia V2A 8Z3 (CA).

(74) **EDWARDS, Antony, C.;** Suite 800-1708 Dolphin Ave., Kelowna, British Columbia V1Y 9S4 (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).

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); (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; (t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ **F16K 31/00, G05D 23/02**

(11) **WO 03/095879** (13) A1

(21) PCT/GB03/01984

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210829.8 11 May/mai 2002 GB
(11.05.2002)(30) 0310581.4 8 May/mai 2003 GB
(08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOT WATER CONTROL VALVE

• ROBINET DE REGULATION DE DEBIT
D'EAU CHAUDE(71, 72) NIZINKIEWICZ, Rudi [GB/GB]; 193
Halifax Road, Higher Nelson, Lancashire
BB9 0EL (GB).(74) HEBDEN, William; 8 Sunningdale Gar-
dens, Burnley, Lancashire BB10 2RW (GB).

(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 F16L 1/12, B63B 35/03

(11) WO 03/095880 (13) A1

(21) PCT/NO03/00152

(22) 9 May/mai 2003 (09.05.2003)

(25) no (26) en

(30) 20022243 10 May/mai 2002 NO
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND A VESSEL FOR PIPE-
LAYING AT SEA• PROCEDE ET NAVIRE DE POSE DE PI-
PELINE EN MER(71) AKER MARINE CONTRACTORS AS
[NO/NO]; P.O. Box 247 Lilleaker, N-0216
Oslo (NO).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NODBERG, Trond, Kjetil [NO/NO];
Gullhaugveien 123, N-1354 Bærums Verk
(NO).(74) OSLO PATENKONTOR AS; P.O. Box
7007 M, N-0306 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 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 BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 AZBA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
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 F16L 1/26, 1/10

(11) WO 03/095881 (13) A1

(21) PCT/NO03/00150

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 20022259 10 May/mai 2002 NO
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR CONNECTING
PIPELINES• DISPOSITIF POUR RACCORDER DES
CONDUITES(71) ADVANCED PRODUCTION AND
LOADING AS [NO/NO]; Vikaveien 85,
N-4816 Kolbjørnsvik (NO).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ASKESTAD, Sigmund [NO/NO]; Gron-
land, N-4900 Tvedestrand (NO).(74) TANDBERGS PATENKONTOR AS; Boks
7085, N-0306 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
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 F16L 11/12

(11) WO 03/095882 (13) A1

(21) PCT/GB03/02033

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210920.5 13 May/mai 2002 GB
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • KINK IMPEDING HOSEPIPE

• TUYAU FLEXIBLE RESISTANT A
L'ENTORTILLEMENT(71, 72) SCARGILL, Paul, Nigel [GB/GB]; 7
Church Close, Sea Palling, Norwich NR12
0UR (GB).(74) GIBSON, Stewart, Harry; Urquhart-Dykes
& Lord, Three Trinity Court, 21-27 Newport
Road, Cardiff CF24 0AA (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 F16L 37/28

(11) WO 03/095883 (13) A1

(21) PCT/US03/14342

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 2002-131872 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CRYOGENIC FLUID COUPLING

• RACCORD POUR FLUIDE CRYOGE-
NIQUE(71) J.C. CARTER JAPAN K.K. [JP/JP]; 1-20,
Hyogo-cho, 1-chome, Hyogo-ku, Kobe,
Hyogo (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PICKETT, John [US/US]; 1165
Catalina Street, Laguna Beach, CA 92651
(US). TUREY, James [US/US]; 2606 Elden
Avenue, Unit D, Costa Mesa, CA 92627
(US).(74) NAUMAN, Timothy, E.; Fay, Sharpe, Fa-
gan, Minnich & McKee LLP, 1100 Superior
Avenue, 7th Floor, 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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ 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 F16L 37/40, 37/084

(11) WO 03/095884 (13) A1

(21) PCT/US03/14192

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,325 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • QUICK CONNECT WITH POPPET
VALVE

- ENSEMBLE A BRANCHEMENT RAPIDE AVEC CLAPET

(71) **COOPER TECHNOLOGY SERVICES, LLC.** [US/US]; 701 Lima Avenue, Findlay, OH 45840 (US).

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

(72, 75) **LUTZKE, Matthew David** [US/US]; 1212 Rose Center Road, Fenton, MI 48430 (US).

(74) **GOTTSCHALK, William**; Carlson, Gaskey & Olds, P.C., 400 West Maple Road, Suite 350, 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 **F16L 39/06, 27/087 // 17/035, 17/10**

(11) **WO 03/095885** (13) A1

(21) PCT/NO03/00146

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 20022196 **8 May/mai 2002 (08.05.2002)** NO

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR CONNECTING PIPELINES SUCH THAT RELATIVE MOTION IS ALLOWED, COMPRISING A PRETENSIONING DEVICE SUCH TAHT CONSTANT SEALING GAP CAN BE PROVIDED

- RACCORDEMENT DE TUYAUX PERMETTANT UN DEPLACEMENT RELATIF ET COMPRENANT UN DISPOSITIF DE PRECONTRAINTE ASSURANT UN ESPACE D'ÉTANCHEITE

(71) **ADVANCED PRODUCTION AND LOADING AS** [NO/NO]; Vikaveien 85, N-4816 Kolbjørnsvik (NO).

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

(72, 75) **LARSEN, Sigmund** [NO/DE]; Nitzsche, 24116 Kiel (DE).

(74) **TANDBERGS PATENTKONTOR AS**; Boks 7085, N-0306 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 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 **F16L 55/04**

(11) **WO 03/095886** (13) A1

(21) PCT/DE03/01454

(22) **7 May/mai 2003 (07.05.2003)**

(25) de (26) de

(30) 102 21 277.5 **14 May/mai 2002 (14.05.2002)** DE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DAMPER FOR HYDRAULIC SYSTEMS
• AMORTISSEUR POUR SYSTEMES HYDRAULIQUES

(71) **EATON FLUID POWER GMBH** [DE/DE]; Dr.-Reckeweg-Str. 1, 76532 Baden-Baden (DE).

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

(72, 75) **ZIMPFER, Michael** [DE/DE]; Erzbergerring 9, 76275 Ettlingen (DE). **MERKEL, Ralph, Peter** [DE/DE]; Engelstr. 1 a, 76571 Gaggenau (DE). **HILGERT, Andreas, Richard** [DE/DE]; Bergstr. 2 c, 76547 Sinzheim (DE).

(74) **RÜGER, BARTHELT & ABEL**; Webergasse 3, 73728 Esslingen (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 **F16L 59/20, 58/18**

(11) **WO 03/095887** (13) A1

(21) PCT/EP03/04494

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(30) GE2002 A 000038 **8 May/mai 2002 (08.05.2002)** IT

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE FIELD INSULATION OF CONNECTING JOINTS FOR FLUID TRANSPORT PIPELINES

- PROCEDE D'ISOLATION DE CHAMP DE RACCORDS POUR DES CANALISATIONS DE TRANSPORT DE FLUIDES

(71) **SOCOTHERM S.P.A.** [IT/IT]; Via Risorgimento 62, I-45011 Adria (IT).

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

(72, 75) **VARAGNOLO, Roberto** [IT/IT]; c/o Socotherm S.P.A., Via Risorgimento 62, I-45011 Adria (IT). **GUIDETTI, Gianpietro**

[IT/IT]; c/o Socotherm S.P.A., Via Risorgimento 62, I-45011 Adria (IT). **ZANEL-LATO, Giorgio** [IT/IT]; c/o Socotherm S.P.A., Via Risorgimento 62, I-45011 Adria (IT). **MAESTRELLO, Paolo** [IT/IT]; c/o Socotherm S.P.A., Via Risorgimento 62, I-45011 Adria (IT).

(74) **PORSIA, Attilio et al. / etc.**; Succ.Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (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 **F16M 7/00, F16P 1/02**

(11) **WO 03/095888** (13) A1

(21) PCT/ZA03/00061

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 2002/3682 **9 May/mai 2002 (09.05.2002)** ZA

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULAR MOUNTING SYSTEM
• SYSTEME DE MONTAGE MODULAIRE

(71) **OSCILLATING SYSTEMS (PTY) LIMITED** [ZA/ZA]; 252 Propshaft Street, Samcor Park X1, Pretoria 0184 (ZA).

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

(72, 75) **SEVENSTER, Conrad** [ZA/ZA]; No. 1 Edward Street, Hennospark, Centurion, 0042 Pretoria (ZA).

(74) **LA ROUX, Marius**; D M Kisch INC, P O Box 781218, Sandton 2146 (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).

Published / Publiée : (c)

(51)⁷ **F16P 3/20**

(11) **WO 03/095889** (13) A1

(21) PCT/DK03/00300

(22) **6 May/mai 2003 (06.05.2003)**

- (25) da (26) en
- (30) BA 2002 00136 **7 May/mai 2002** DK
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ELECTRONICAL INFANT PROTECTION DEVICE
- DISPOSITIF ELECTRONIQUE DE PROTECTION POUR LES ENFANTS
- (71, 72) NIELSEN, Anders, Rolann [DK/DK]; Fynsgade 3, dk-8560 Kolind (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).

Published / Publiée : (c)

(51)⁷ F17D 1/04, F25B 9/04

(11) WO 03/095890 (13) A1

(21) PCT/RU03/00208

(22) 6 May/mai 2003 (06.05.2003)

(25) ru (26) ru

(30) 2002112382 **7 May/mai 2002** RU
(07.05.2002)(30) 2002121186 **5 Aug/août 2002** RU
(05.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR USING THE POTENTIAL ENERGY OF COMPRESSED GAS DURING VORTEX FLOW ENERGY SEPARATION AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE POUR UTILISER L'ENERGIE POTENTIELLE D'UN FLUX DE GAZ COMPRIE LORS DE LA SEPARATION DU FLUX PAR TOURBILLONS ET DISPOSITIF DE MISE EN OEUVRE CORRESPONDANT

(71, 72) GAIDUKEVICH, Vadim Vladislavovich [RU/RU]; ul. Mingazheva, 121/2-42, Ufa, 450005 (RU). KOMAROV, Sergei Sergeevich [RU/RU]; ul. Parkhomenko, 106/2-68, Ufa, 450005 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/095891 (13) A1

(21) PCT/US03/15005

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,594 **13 May/mai 2002** US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FLEXIBLE BENDABLE FLASHLIGHT
- LAMPE DE POCHE CINTRABLE ET SOUPLE

(71) STREAMLIGHT, INC. [US/US]; 30 Eagleville Road, Eagleville, PA 19403 (US).

(71, 72) SHARRAH, Raymond, L. [US/US]; 258 Zvarick Road, Collegeville, PA 19426 (US). KLINE, Robert, A. [US/US]; 102 Yorkshire Drive, Douglasville, PA 19518 (US).

(74) BERARD, Clement, A.; Dann, Dorfman, Herrell & Skillman, P.C., Suite 720, 1601 Market Street, Philadelphia, PA 19106-2307 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 F21S 8/02, F21V 25/00

(11) WO 03/095892 (13) A1

(21) PCT/GB03/01987

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210830.6 **11 May/mai 2002** GB
(11.05.2002)(30) 0301822.3 **24 Jan/jan 2003** GB
(24.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FITTING PROTECTOR
- DISPOSITIF DE PROTECTION DE MONTAGES

(71, 72) TSANG, Michael, Man-Cheung [GB/GB]; 9 William Drive, Clacton on Sea, Essex CO15 1DH (GB).

(74) SANDERSON, James, Laurence 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 SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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) WO 03/095893 (13) A2

(21) PCT/IP03/05752

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 2002-134649 **9 May/mai 2002** JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • LAMP
- LAMPE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HATA, Nobuharu [JP/JP]; 409-4-203, Yamadanosyou, Oku-cho, Oku-gun, Okayama 701-4246 (JP). TORIUMI, Ei-ichiro [JP/JP]; 2-8, Saiwai-cho, Takatsuki-shi, Osaka 569-1143 (JP). MATSUBA, Tetsuo [JP/JP]; 24-18, Ishizuhigashimachi, Neyagawa-shi, Osaka 572-0027 (JP).

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Tyosaki 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 33/00, H05B 37/00

(11) WO 03/095894 (13) A1

(21) PCT/US02/25297

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) 10/081,905 **21 Feb/fév 2002** US
(21.02.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • LED LIGHT ASSEMBLY
- ASSEMBLAGE D'ECLAIRAGE DE DEL

(71) WHELEN ENGINEERING COMPANY, INC. [US/US]; Route 145, Winthrop Road, Chester, CT 06412 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STOPA, James, L.** [US/US]; 3 Chestnut Circle, Old Saybrook, CT 06475 (US).
SMITH, Todd, J. [US/US]; 21 Lafayette Avenue, Deep River, CT 06417 (US).

(74) **YALE, Guy, D.**; Alix, Yale & Ristas, LLP, 750 Main Street, Suite 1400, Hartford, CT 06103-2721 (US).

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

Published / Publiée : (b)

(51)⁷ **F23D 14/10**

(11) **WO 03/095895** (13) A1

(21) PCT/US03/14002

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) 10/141,690 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CURVILINEAR BURNER TUBE
 • TUBE DE BRULEUR CURVILIGNE

(71) **WEBER-STEPHEN PRODUCTS CO.** [US/US]; 200 East Daniels Road, Arlington Heights, IL 60067 (US).

(72) **SCHLOSSER, Erich, J.**; 25596 West Chatham Road, Barrington, IL 60010 (US).
BRUNO, Adrian, A.; 2509 Milcreek Lane, Rolling Meadows, IL 60008 (US).
SHOEB, Mohammed; 605 Hill Drive - Apartment 105, Hoffman Estates, IL 60194 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, 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 **F23D 17/00**

(11) **WO 03/095896** (13) A1

(21) PCT/US02/12391

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHASE CHANGE MATERIAL HEAT EXCHANGER WITH HEAT ENERGY TRANSFER ELEMENTS EXTENDING THROUGH THE PHASE CHANGE MATERIAL

• ECHANGEUR DE CHALEUR AVEC MATERIAU A CHANGEMENT DE PHASE MUNI D'ELEMENTS DE TRANSFERT D'ENERGIE S'ETENDANT A TRAVERS LE MATERIAU A CHANGEMENT DE PHASE

(71) **TREXCO, LLC** [US/US]; 3520 Washington Boulevard, Indianapolis, IN 46205 (US).

(72) **LONGARDNER, Robert, L.**; 5321 Radnor Road, Indianapolis, IN 46226 (US).

(74) **JAROSIK, Gary, R.** et al. / etc.; Alzheimer & Gray, 10 S. Wacker Drive, Suite 4000, 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 **F23K 5/00**

(11) **WO 03/095897** (13) A1

(21) PCT/CN03/00322

(22) **6 May/mai 2003 (06.05.2003)**

(25) zh (26) zh

(30) 02116770.2 **10 May/mai 2002 (10.05.2002)** CN

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THE PROCESS OF ADDING WATER INTO FUEL BEFORE COMBUSTION OR DURING THE COMBUSTION TO ECONOMIZE THE FUEL AND TO IMPROVE THE EFFICIENCY

• PROCEDE D'ADDITION D'EAU DANS DU CARBURANT AVANT OU DURANT LA COMBUSTION AUX FINS D'ECONOMIE DE CARBURANT ET D'AUGMENTATION DU RENDEMENT

(71, 72) **XIE, GuiRong** [CN/CN]; 22# 4Unit IFL, Xinxing Wei, Nanfen District, Benxi, Liaoning 117014 (CN).

(74) **SHENYANG KEWEI INTERNATIONAL PATENT OFFICE**; 60A, No. 66 Xishuncheng Street, Shenhe District, Shenyang, Liaoning 110013 (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) **F23Q 7/00**

(11) **WO 03/095898** (13) A1

(21) PCT/US03/04529

(22) **14 Feb/fév 2003 (14.02.2003)**

(25) en (26) en

(30) 10/140,588 **7 May/mai 2002 (07.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRIC CIGAR LIGHTER ASSEMBLY

• ENSEMBLE ALLUME-CIGARE ELECTRIQUE

(71) **CASCO PRODUCTS CORPORATION** [US/US]; 380 Horace Street, Bridgeport, CT 06610 (US).

(72) **MATTIS, Donald**; 15 Douglas Drive, Norwalk, CT 06850 (US).

(74) **BITTMAN, Mitchell, D.**; Sequa Corporation, 3 University Plaza, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 **F23Q 7/16, 7/18, 13/00**

(11) **WO 03/095899** (13) A1

(21) PCT/CN02/00925

(22) **30 Dec/déc 2002 (30.12.2002)**

(25) zh (26) zh

(30) 02111638.5 **10 May/mai 2002 (10.05.2002)** CN

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHTER FOR CIGARETTES
 • BRIQUET POUR CIGARETTES

(71, 72) **LENG, Guangjun** [CN/CN]; (Wangzi Huayuan) No.18, Wu 13, Section 5, Shanghai Road, Jinzhou, Liaoning 121000 (CN).

(74) **CHINA SINDA INTELLECTUAL PROPERTY LTD.**; B11th Floor, Focus Place, 19 Financial Street, Beijing 100032 (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 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 **F24C 15/20**
- (11) **WO 03/095900** (13) A1
- (21) PCT/EP02/14435
- (22) **18 Dec/déc 2002 (18.12.2002)**
- (25) de (26) de
- (30) 202 07 549.4 **8 May/mai 2002 (08.05.2002)** DE
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **DEVICE FOR EFFECTIVELY REMOVING SUSPENDED PARTICLES FROM AN AIRFLOW**
- **DISPOSITIF POUR ELIMINER DE MANIERE EFFICACE DES PARTICULES EN SUSPENSION CONTENUES DANS UN FLUX D'AIR**
- (71) **BERBEL ABLUFTTECHNIK GMBH** [DE/DE]; Haus-Nieland-Strasse 7, 48496 Hopsten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERLING, Udo** [DE/DE]; Pfarer-Stumpf-Weg 4, 48496 Hopsten (DE).
WEIBEL, Matthias [DE/DE]; Pfarer-Stumpf-Weg 16, 48496 Hopsten (DE).
- (74) **BUSSE, Dietrich et al.** / etc.; Grosshandel-sring 6, 49084 Osnabrück (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 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).
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- (51)⁷ **F24F 1/00, 3/16, 13/068, 13/24, 13/28**
- (11) **WO 03/095901** (13) A1
- (21) PCT/SE03/00760
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 0201436-3 **13 May/mai 2002 (13.05.2002)** SE
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **ARRANGEMENT FOR DISPLACEMENT VENTILATION INCLUDING A SUPPORT BODY WITH CONNECTABLE SUPPORTING PLANES FOR SUPPORTING DEVICES SUCH A FILTER MODULE**
- **AGENCEMENT POUR UNE VENTILATION PAR DEPLACEMENT COMPRENANT UN CORPS DE SUPPORT PRESENTANT DES PLANS DE SUPPORT RELIABLES PERMETTANT DE SERVIR DE SUPPORT A DES DISPOSITIFS, NOTAMMENT UN MODULE DE FILTRE**
- (71) **FLÄKT WOODS AB** [SE/SE]; S-745 81 ENKÖPING (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARTEK, Lubos** [SE/SE]; Marketerigatan 6, S-723 47 VÄSTERÅS (SE).
DANIELSSON, Niklas [SE/SE]; Karlfeldts-gatan 15A, S-722 22 VÄSTERÅS (SE).
GUSTAFSSON, Örjan [SE/SE]; Lingongatan 49, S-199 42 ENKÖPING (SE).
ANDERSSON, Jan [SE/SE]; Älgvägen 22, S-199 71 ENKÖPING (SE).
- (74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 103 16, S-100 55 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 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 **F24F 1/00, 3/16, 13/068, 13/24**
- (11) **WO 03/095902** (13) A1
- (21) PCT/SE03/00761
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 0201437-1 **13 May/mai 2002 (13.05.2002)** SE
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **DEVICE FOR DISPLACEMENT VENTILATION INCLUDING FILTERS, SOUND ABSORBERS AND A FAN UNIT SUPPORTED IN A BLOCK OF SOUND ABSORBING MATERIAL.**
- **DISPOSITIF DE VENTILATION PAR DEPLACEMENT COMPRENANT DES FILTRES, DES ABSORBEURS DE SONS ET UN VENTILATEUR SUPPORTÉ DANS UN BLOC DE MATERIAU D'ABSORPTION DES SONS**
- (71) **FLÄKT WOODS AB** [SE/SE]; S-745 81 ENKÖPING (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARTEK, Lubos** [SE/SE]; Marketerigatan 6, S-723 47 VÄSTERÅS (SE).
DANIELSSON, Niklas [SE/SE]; Karlfeldts-gatan 15A, S-722 22 VÄSTERÅS (SE).
GUSTAFSSON, Örjan [SE/SE]; Lingongatan 49, S-199 42 ENKÖPING (SE).
ANDERSSON, Jan [SE/SE]; Älgvägen 22, S-199 71 ENKÖPING (SE).
- (74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 103 16, 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).
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- (51)⁷ **F24F 1/02, 3/147**
- (11) **WO 03/095903** (13) A1
- (21) PCT/JP03/05817
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) ja (26) ja
- (30) 2002-135569 **10 May/mai 2002 (10.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **DEHUMIDIFIER**
- **DESHUMIDIFICATEUR**
- (71) **KANKYO CO., LTD.** [JP/JP]; Isezakicho Mariya Bldg., 66, Isezakicho 2-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKE, Hidetoshi** [JP/JP]; c/o KANKYO CO., LTD., Isezakicho Mariya Bldg., 66, Isezakicho 2-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0045 (JP).
- (74) **TANIGAWA, Hidejiro**; c/o TANIGAWA AND ASSOCIATES, Patent Firm, 6F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (81) CA CN ID 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 **F24F 12/00**
- (11) **WO 03/095904** (13) A1
- (21) PCT/GB03/01931
- (22) **2 May/mai 2003 (02.05.2003)**
- (25) en (26) en
- (30) 0210867.8 **13 May/mai 2002 (13.05.2002)** GB
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **AIR CONDITIONING UNIT**
- **APPAREIL DE CLIMATISATION**
- (71) **ADDSERVICE LIMITED** [GB/GB]; Marlfields Hall, London Road, Adlington, Macclesfield, Cheshire SK10 4NG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DERBYSHIRE, Edward** [GB/GB]; Marlfields Hall, London Road, Adlington, Macclesfield, Cheshire SK10 4NG (GB).
- (74) **GRAVES, Ronald**; 24 Fitzwilliam Avenue, Sutton., Macclesfield, Cheshire SK11 0EJ (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 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).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ F25B

(11) WO 03/095905 (13) A2

(21) PCT/KR03/00905

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10-2002-0025899 10 May/mai 2002 KR
(10.05.2002)

(30) 20-2003-0012178 21 Apr/avr 2003 KR
(21.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDENSING SYSTEM IN A COOL-
ING SYSTEM

• SYSTEME DE CONDENSATION UTI-
LISE DANS UN SYSTEME DE REFROI-
DISSEMENT

(71, 72) LEE, Chul, Soo [KR/KR]; 599-2
Donae-dong, Deokyang-ku, Koyang-city
441-062, Kyung Ki-do (KR).

(74) LEE, So-Nam; Daegun Building, Room
403, 822-5 Yeoksam-dong, Kangnam-ku,
Seoul 135-080 (KR).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB
HU ID IL IN IS JP KZ LK LU MA MG MN
MX NO NZ PL PT RO RU SE SG TR 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).

(51)⁷ F25B 1/00

(11) WO 03/095906 (13) A1

(21) PCT/JP03/05935

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002/137511 13 May/mai 2002 JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THERMO SIPHON CHILLER REFRIG-
ERATOR FOR USE IN COLD DISTRICT

• REFRIGERATEUR A APPAREIL FRI-
GORIFIQUE A THERMOSIPHON
PREVU POUR ETRE UTILISE DANS
LE SECTEUR FROID

(71) MAYEKAWA MFG.CO.,LTD. [JP/JP];
13-1, Botan 2-chome, Koto-ku, Tokyo
135-0046 (JP).

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

(72, 75) TAMURA, Yoshihisa [JP/JP]; c/o
MAYEKAWA MFG.CO., LTD., 13-1,

Botan 2-chome, Koto-ku, Tokyo 135-0046
(JP). KOYATSU, Masataka [JP/JP]; c/o
MAYEKAWA MFG.CO., LTD., 13-1,
Botan 2-chome, Koto-ku, Tokyo 135-0046
(JP). MACHIDA, Akito [JP/JP]; c/o
MAYEKAWA MFG.CO., LTD., 13-1, Botan
2-chome, Koto-ku, Tokyo 135-0046 (JP).

(74) TAKAHASHI, Masahisa; Room 1003, Am-
bassador Roppongi Buildings, 16-13, Rop-
pongi 3-chome, Minato-ku, Tokyo 106-0032
(JP).

(81) CA US.

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

(51)⁷ F25B 1/00

(11) WO 03/095907 (13) A1

(21) PCT/US03/14276

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,849 8 May/mai 2002 US
(08.05.2002)

(30) 10/267,709 9 Oct/oct 2002 US
(09.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENERGY-EFFICIENT CAPACITY
CONTROL METHOD FOR AN AIR
CONDITIONING COMPRESSOR

• PROCEDE DE REGULATION DE CA-
PACITE A RENDEMENT ENERGE-
TIQUE ELEVE POUR COMPRESSEUR
DE CLIMATISATION

(71) DELPHI TECHNOLOGIES, INC.
[US/US]; 5725 Delphi Drive, Troy, MI
48098-2815 (US).

(72) ARCHIBALD, Charles, Andrew; 4856
Gothic Hill Road, Lockport, NY 14094
(US). SANGWAN, Karma, Vir; 2 Ironwood
Court, East Amherst, NY 14051 (US). UR-
BANK, Thomas, Martin; 66 Lincolnshire
Drive, Lockport, NY 14094 (US). CHRIS-
TEN, James, Joseph; 4850 Gothic Hill
Road, Lockport, NY 14094 (US).

(74) FUNKE, Jimmy, M.; Delphi Technologies,
Inc., Legal Staff, P.O. Box 5052, Mail Code:
480-410-202, Troy, MI 48007-5052 (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 F25B 9/00, C09K 5/04

(11) WO 03/095908 (13) A1

(21) PCT/FI03/00368

(22) 13 May/mai 2003 (13.05.2003)

(25) fi (26) en

(30) 20020901 13 May/mai 2002 FI
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD IN CONNECTION WITH A
REFRIGERATION APPARATUS AND A
REFRIGERATION APPARATUS

• PROCEDE RELATIF A UN APPAREIL
REFRIGERANT ET APPAREIL REFRI-
GERANT

(71) HIGH SPEED TECH OY LTD [FI/FI];
Turvekuja 6, FIN-00700 Helsinki (FI).

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

(72, 75) LARJOLA, Jaakko [FI/FI]; Rauhalantie
20, FIN-52700 Mäntyharju (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 F25B 23/00

(11) WO 03/095909 (13) A1

(21) PCT/US02/13987

(22) 2 May/mai 2002 (02.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • KINETIC COOLING AND HEATING,
INCLUDING AIR CONDITIONING

• REFROIDISSEMENT ET CHAUFFAGE
CINETIQUE, COMPRENANT LA CLI-
MATISATION

(71, 72) SMITH, David, C. [US/US]; 44 Can-
dlelight Drive, Glastonbury, CT 06033 (US).
WILLIAMS, Melvin, P. [US/US]; 210 Main
Street, Manchester, CT 06040 (US).

(74) NESSLER, Charles, G.; P.O. Box H,
Chester, CT 06412 (US).

(81) CN IN 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 F25C 5/12

(11) WO 03/095910 (13) A1

(21) PCT/JP03/05964

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-139171 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FROZEN BEVERAGE BLENDER

• MELANGEUR DE BOISSONS GLA-
CEES

(71) JOYTEC CORPORATION [JP/JP]; 463,
Oaza Moritada, Kuwana-shi, Mie 511-0943
(JP).

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

(72, 75) NAKATO, Yutaka [JP/JP]; c/o
Joytec Corporation, 463, Oaza Moritada,
Kuwana-shi, Mie 511-0943 (JP). SUZUKI,
Kaoru [JP/JP]; c/o Joytec Corporation, 463,
Oaza Moritada, Kuwana-shi, Mie 511-0943

- (JP). KOBAYASHI, Noriyuki [JP/JP]; c/o Chubu Corporation, 463, Oaza Moritada, Kuwana-shi, Mie 511-0943 (JP).
- (74) HASE, Shoichi; Origin Nishiki Bldg. 9th Floor, 6-17, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F25D 13/00, A23L 3/36
- (11) WO 03/095911 (13) A1
- (21) PCT/JP03/05790
- (22) 8 May/mai 2003 (08.05.2003)
- (25) ja (26) ja
- (30) 2002-135684 10 May/mai 2002 JP (10.05.2002)
- (30) 2002-142629 17 May/mai 2002 JP (17.05.2002)
- (30) 2002-156057 29 May/mai 2002 JP (29.05.2002)
- (30) 2002-156058 29 May/mai 2002 JP (29.05.2002)
- (30) 2002-156059 29 May/mai 2002 JP (29.05.2002)
- (30) 2002-156060 29 May/mai 2002 JP (29.05.2002)
- (30) 2002-156061 29 May/mai 2002 JP (29.05.2002)
- (30) 2002-167241 7 Jun/juin 2002 JP (07.06.2002)
- (30) 2002-202112 11 Jul/juil 2002 JP (11.07.2002)
- (30) 2002-202113 11 Jul/juil 2002 JP (11.07.2002)
- (30) 2002-202111 11 Jul/juil 2002 JP (11.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • REFRIGERATING DEVICE, REFRIGERATING METHOD, AND REFRIGERATED OBJECT
- DISPOSITIF FRIGORIFIQUE, PROCÉDÉ DE SURGÉLATION, ET OBJET SURGELÉ
- (71) GLOCAL CO., LTD. [JP/JP]; 2-4, Kanda-Awajicho, Chiyoda-ku, Tokyo 101-0063 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Motohiko [JP/JP]; c/o Glocal Co., Ltd., 2-4, Kanda-Awajicho, Chiyoda-ku, Tokyo 101-0063 (JP). FUJITA, Kazuhiko [JP/JP]; c/o Glocal Co., Ltd., 2-4, Kanda-Awajicho, Chiyoda-ku, Tokyo 101-0063 (JP).
- (74) TANAKA, Dai; Rosy Shiroganedai 201, 16-11, Shiroganedai 2-chome, Minato-ku, Tokyo 108-0071 (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 F25D 25/02, A47B 57/10
- (11) WO 03/095912 (13) A1
- (21) PCT/TR03/00035
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 2002/01294 10 May/mai 2002 TR (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A HOUSEHOLD APPLIANCE
- APPAREIL ELECTROMENAGER
- (71) ARÇELİK A. S. [TR/TR]; E5 Ankara Asfaltı Üzeri, Tuzla, 34950 Istanbul (TR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DURMAZ, Mehmet [TR/TR]; Arçelik A.S., Buzdolabi Isletmesi, 26540 Eskisehir (TR). ILIKKAN, Umut, Ismail [TR/TR]; Yunuskent, K1 bLOK D9, 26540 Eskisehir (TR). ÖZYÜKSEL, Emre [TR/TR]; Arçelik A.S., Buzdolabi Isletmesi, 26540 Eskisehir (TR). CELİK, Ridvan [TR/TR]; Arçelik Anonim Sirketi, Buzdolabi Isletmesi, 26540 Eskisehir (TR). ERDEN, Emine [TR/TR]; Arçelik A.S., Buzdolabi Isletmesi, 26540 Eskisehir (TR).
- (74) ANKARA PATENT BUREAU LIMITED; Sehit Adem Yavuz Sok. No: 8/22, Kizilay, 06440 Ankara (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 F25J 3/00
- (11) WO 03/095913 (13) A1
- (21) PCT/US02/14860
- (22) 8 May/mai 2002 (08.05.2002)
- (25) en (26) en
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CONFIGURATION AND PROCESS FOR NGL RECOVERY USING A SUB-COOLED ABSORPTION REFLUX PROCESS
- CONFIGURATION ET PROCÉDE POUR LA RECUPERATION DE LIQUIDES DE GAZ NATUREL PAR UN PROCÉDE DE REFLUX D'ABSORPTION SOUS-REFROIDI
- (71) FLUOR CORPORATION [US/US]; One Enterprise Drive, Aliso Viejo, CA 92656-2606 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAK, John [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US).
- (74) FISH, Robert, D.; Rutan & Tucker, P.O. 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 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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).
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- (51)⁷ F25J 3/02
- (11) WO 03/095914 (13) A1
- (21) PCT/GB03/01640
- (22) 16 Apr/avr 2003 (16.04.2003)
- (25) en (26) en
- (30) 60/379,687 13 May/mai 2002 US (13.05.2002)
- (30) 10/202,568 24 Jul/juil 2002 US (24.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR VAPORIZING LIQUEFIED NATURAL GAS AND RECOVERY OF NATURAL GAS LIQUIDS
- PROCÉDE DE VAPORISATION DE GAZ NATUREL LIQUEFIE ET DE RECUPERATION DE LIQUIDES DE GAZ NATUREL
- (71) BLACK & VEATCH PRITCHARD, INC. [US/US]; 11401 Lamar Avenue, Overland Park, KS 66211-508 (US). (for all designated States except / pour tous les États désignés sauf US)
- (71) COLMER, Stephen, Gary [GB/GB]; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB). (only for / seulement pour MG)
- (72, 75) MCCARTNEY, Daniel, G. [US/US]; 13238 Outlook, Overland Park, KS 66209 (US).

(74) COLMER, Stephen, Gary 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).

(51)⁷ F26B 5/04, 11/04

(11) WO 03/095915 (13) A1

(21) PCT/FR03/01320

(22) 25 Apr/avr 2003 (25.04.2003)

(25) fr (26) fr

(30) 02/05461 30 Apr/avr 2002 FR (30.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE VACUUM DRYING OF A MACHINED PART AND INSTALLATION FOR SAME

• PROCEDE DE SECHAGE SOUS VIDE D'UNE PIECE USINEE ET INSTALLATION

(71) HIVERT SYSTEMES AUTOMATISES [FR/FR]; 36, avenue de la Pécardière, F-72470 Saint Mars La Brière (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VALOT, Thierry [FR/FR]; 17, rue du Capitaine Charton, F-94210 La Varenne Saint Hilaire (FR).

(74) BOUJU DERAMBURE BUGNION; 52, rue de Monceau, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 F26B 5/12, 5/14

(11) WO 03/095916 (13) A1

(21) PCT/GB03/01743

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 0210523.7 8 May/mai 2002 GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR DE-WATERING ARTICLES

• PROCEDE ET APPAREIL DE DESHYDRATATION DE PRODUITS

(71) O. N. BECK & CO. LTD. [GB/GB]; 104, Fox Lane, London N13 4AX (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BECK, Clifford, Howard, Berthold [GB/GB]; 104 Fox Lane, London N13 4AX (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds Green Road, London N11 2EY (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 :

(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)

(51)⁷ F28C

(11) WO 03/095917 (13) A2

(21) PCT/EP03/05002

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 102 20 631.7 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SORPTIVE HEAT EXCHANGER AND RELATED COOLED SORPTION PROCESS

• ECHANGEUR DE CHALEUR A SORPTION ET PROCEDE DE SORPTION PAR REFROIDISSEMENT CORRESPONDANT

(71) MOTTA, Mario, Gualtiero, Francesco [IT/IT]; Corso Italia, 251, I-95127 Catania (IT).

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

(72, 75) LÖFFLER, Michael, Karl [DE/DE]; Eva-Maria-Buch Strasse 3, 76189 Karlsruhe (DE). HENNING, Hans, Martin [DE/DE]; Marie-Curie Strasse 28, 79100 Freiburg (DE).

(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).

(51)⁷ F28D

(11) WO 03/095918 (13) A2

(21) PCT/US03/13955

(22) 3 May/mai 2003 (03.05.2003)

(25) en (26) en

(30) 10/140,899 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED HEAT EXCHANGER

• ECHANGEUR THERMIQUE PERFECTIONNE

(71) VALEO, INC. [US/US]; 4100 N. Atlantic Blvd., Auburn Hills, MI 48326 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FANG, Lei [CN/US]; 225 Arnold Drive, Apt.15, West Lafayette, IN 47906 (US). HU, Zaiqian [CN/US]; 3119 Griffa Avenue, Columbus, IN 47203 (US). BONNET, Pascal [FR/US]; 6606 Salem Drive, Fishers, IN 46038 (US). MCKITTRICK, Jason, W. [US/US]; 6487 W. Hopewell Rd., Holton, IN 47023 (US). LORENTZ, Jay [US/US]; 686 Old Orchard Road, Shelbyville, IN 46176 (US). BAYLOR, David, W. [US/US]; 10210 Whispering Way, Indianapolis, IN 46239 (US). DOMEN, Daniel, R. [US/US]; 2215 Rochelle Park Drive, Rochester Hills, MI 48309 (US).

(74) CHAPPLE, Scott, A.; Dobrusin & Then-nisch PC, Suite 311, 401 S. Old Woodward Avenue, 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 NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, F28F 27/02

(11) WO 03/095919 (13) A1

(21) PCT/US03/13942

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/140,899 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED HEAT EXCHANGER

• ECHANGEUR THERMIQUE AMELIORE

(71) VALEO, INC. [US/US]; 4100 N. Atlantic Blvd., Auburn Hills, MI 48326 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FANG, Lei [CN/US]; 225 Arnold Drive, Apt.15, West Lafayette, IN 47906 (US).
HU, Zaiqian [CN/US]; 3119 Griffa Avenue, Columbus, IN 47203 (US).
BONNET, Pascal [FR/US]; 6606 Salem Drive, Fishers, IN 46038 (US).
MCKITTRICK, Jason, W. [US/US]; 6487 W. Hopewell Rd., Holton, IN 47023 (US).
LORENTZ, Jay [US/US]; 686 Old Orchard Road, Shelbyville, IN 46176 (US).
BAYLOR, David, W. [—/—]; 10210 Whispering Way, Indianapolis, IN 46239 (US).
DOMEN, Daniel, R. [—/—]; 2215 Rochelle Park Drive, Rochester Hills, MI 48309 (US).

(74) CHAPPLE, Scott, A.; Dobrusin & Thenisch PC, 401 S. Old Woodward Avenue, Suite 311, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/00, F24J 3/00

(11) WO 03/095920 (13) A1

(21) PCT/AT03/00137

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) A 735/2002 14 May/mai 2002 AT (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR TRANSMITTING HEAT ENERGY

• PROCEDE ET DISPOSITIF POUR TRANSMETTRE DE L'ENERGIE CALORIFIQUE

(71) VÖLKL, Christian [AT/AT]; Mariazeller Strasse 60, A-8605 KAPFENBERG (AT).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HIRSCHMANN, Rudolf [AT/AT]; Schmiedgasse 11, A-8605 KAPFENBERG (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, A-1150 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 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).

Published / Publiée : (c)

(51)⁷ F28D 15/00

(11) WO 03/095921 (13) A1

(21) PCT/US03/09306

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/139,927 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEATED SEAL AIR FOR VALVE AND REGENERATIVE THERMAL OXIDIZER CONTAINING SAME

• AIR D'ETANCHEITE CHAUFFE POUR SOUPE ET SYSTEME D'OXYDATION THERMIQUE REGENERATIVE COMPRENANT CETTE SOUPE

(71) MEGTEC SYSTEMS, INC. [US/US]; 830 Prosper Road, Depere, WI 54115 (US).

(72) CASH, James, T.; 621 Madison Street, Hacktstown, NJ 07840 (US).

(74) BITTMAN, Mitchell, D.; Sequa Corporation, Three University Plaza, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 F28F

(11) WO 03/095922 (13) A2

(21) PCT/DK03/00303

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PA 2002 00706 8 May/mai 2002 DK (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COOLING UNIT AND FLOW DISTRIBUTING ELEMENT FOR USE IN SUCH UNIT

• UNITE DE REFROIDISSEMENT ET ELEMENT DISTRIBUTEUR D'ECOULEMENT A UTILISER DANS CETTE UNITE

(71) DANFOSS SILICON POWER GMBH [DE/DE]; Heinrich-Hertz-Strasse 2, 24837 Schleswig (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLESEN, Klaus, Kristen [DK/DK]; Vissingsgade 34, DK-6400 Sønderborg (DK).
EISELE, Ronald [DE/DE]; Faulstrasse 21, 24229 Surendorf (DE).
LAURIDSEN, Steen [DK/DK]; Egevej 80, 2.th., DK-6430 Nordborg (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 F28F 1/40

(11) WO 03/095923 (13) A1

(21) PCT/JP03/05818

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-135740 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEAT TRANSFER PIPE AND HEAT EXCHANGE INCORPORATING SUCH HEAT TRANSFER PIPE

• TUYAU DE TRANSFERT DE CHALEUR ET ECHANGEUR DE CHALEUR INCORPORANT LEDIT TUYAU DE TRANSFERT DE CHALEUR

(71) USUI KOKUSAI SANGYO KAISHA, LTD. [JP/JP]; 131-2, Nagasawa, Shimizu-chou, Suntou-gun, Shizuoka 411-0905 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) USUI, Shouichirou [JP/JP]; Kitayama 101 Bldg. 305, Kitayama1-1-18, Aoba-ku, Sendai-shi, Miyagi 981-0931 (JP).

(74) SHIMIZU, Osamu; Shimizu & Hosoi, Gin-zachikuyoutei Bldg.9F, 19-3, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CN DE JP US.

(84) EP (FR).

Published / Publiée : (b)

(51)⁷ F28F 3/06, 13/00, B01J 19/24

(11) WO 03/095924 (13) A1

(21) PCT/GB02/05084

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en

(26) en

(30) 0210794.4 10 May/mai 2002 GB
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEAT EXCHANGERS

• ECHANGEURS DE CHALEUR

(71) CHART HEAT EXCHANGERS LIMITED [GB/GB]; Wobaston Road, Fordhouses, Wolverhampton, West Midlands WV10 6QB (GB).

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

(72, 75) SYMONDS, Keith [GB/GB]; 4 Lansdowne Avenue, Codsall, Staffordshire WV8 2EN (GB). CHATWIN, Christopher, John [GB/GB]; 2 Bartlett Close, Penkridge, Stafford ST19 5JG (GB).

(74) LAURENCE SHAW & ASSOCIATES; Metropolitan House, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (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 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 F28F 9/26, F24F 11/06

(11) WO 03/095925 (13) A1

(21) PCT/IB03/01767

(22) 7 May/mai 2003 (07.05.2003)

(25) en

(26) en

(30) PS 2297 10 May/mai 2002 AU
(10.05.2002)(30) 2002951885 8 Oct/oct 2002 AU
(08.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTROL OF AIR CONDITIONING COOLING OR HEATING COIL

• COMMANDE D'UNE BOBINE DE REFROIDISSEMENT ET DE CHAUFFAGE D'UN SYSTEME D'AIR CLIMATISE

(71, 72) VICZENA, George, Sandor [AU/MY]; Unit 3 A-E, Marina Bay Condo, Admiral Cove, Batu 5 Jalan Pantai, 71050 Port Dickson, Negeri Sembilan (MY).

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

RU 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).

(51)⁷ F28F 13/18

(11) WO 03/095926 (13) A1

(21) PCT/US03/12881

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en

(26) en

(30) 10/140,349 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EVAPORATIVE HYDROPHILIC SURFACE FOR A HEAT EXCHANGER, METHOD OF MAKING THE SAME AND COMPOSITION THEREFOR

• SURFACE HYDROPHILE A EVAPORATION POUR ECHANGEUR DE CHALEUR, PROCEDE DE PRODUCTION ET COMPOSITION POUR CETTE SURFACE

(71) MODINE MANUFACTURING COMPANY [US/US]; 1500 DeKoven Avenue, Racine, WI 53403 (US).

(72) MEISSNER, Alan, P.; 7803 Briarwood Drive, Franklin, WI 53132 (US). PARKHILL, Richard, G.; 1141 Coronada Drive, Racine, WI 53402 (US).

(74) VANSANTEN, WM., A.; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street- Suite 3800, Chicago, IL 60661 (US).

(81) AU BR CA CN JP KR MX 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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA CN JP KR MX 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 BR CA CN JP KR MX 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 F28F 27/02, F01M 5/00, F01P 7/16

(11) WO 03/095927 (13) A1

(21) PCT/US03/13254

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en

(26) en

(30) 10/140,899 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OIL COOLING SYSTEM HAVING BY-PASS VALVE

• SYSTEME DE REFROIDISSEMENT D'HUILE POURVU D'UNE SOUPAPE DE DERIVATION

(71) VALEO INC. [US/US]; 4100 North Atlantic Boulevard, Auburn Hills, MI 48326 (US).

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

(72, 75) DOMEN, Daniel, R. [US/US]; 2215 Rochelle Park Drive, Rochester Hills, MI 48309 (US).

(74) STAVISH, Matthew, W. et al. / etc.; LINIAK, BERENATO & WHITE, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

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

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

(51)⁷ F41A

(11) WO 03/095928 (13) A2

(21) PCT/US03/15009

(22) 12 May/mai 2003 (12.05.2003)

(25) en

(26) en

(30) 60/379,928 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONOLITHIC RAIL PLATFORM AND BOLT ASSEMBLIES FOR A FIREARM

• PLATE-FORME A RAIL MONOLITHIQUE ET ENSEMBLES BOULON DESTINES A UNE ARME A FEU

(71, 72) LEWIS, Karl, R. [US/US]; 6 Timberwood Court, Moline, IL 61265 (US). BARGREN, James, Arend, Seabold [US/US]; 2119 12th Street, Moline, IL 61265 (US). SCHAFER, Jacob, A. [US/US]; 4427 8th Avenue, Rock Island, IL 61201 (US). HOHL, Neal, David [US/US]; 1302 14th Avenue, Orion, IL 61273 (US).

(74) COLLIER, Douglas, A. 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).

(51)⁷ F41A 35/04

(11) WO 03/095929 (13) A1

(21) PCT/CA03/00687

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2,385,826 10 May/mai 2002 CA
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAP FOR ATTACHMENT TO A BARREL END AND STORAGE MEANS THEREFOR

• CAPUCHON DESTINE A ETRE FIXE SUR L'EXTREMITÉ D'UN CANON ET DISPOSITIF DE RANGEMENT ASSOCIE

(71) EARTH ANGEL INC. [CA/CA]; 138 Fernwood Drive, Fredericton, New Brunswick E3A 6W3 (CA).

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

(72, 75) BROWN, John, Phillip [CA/CA]; 138 Fernwood Drive, Fredericton, New Brunswick E3A 6W3 (CA).

(74) WALTER, Robert, H.; G. Ronald Bell & Associates, P.O. Box 2450, Station D, Ottawa, Ontario K1P 5W6 (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 F42B

(11) WO 03/095930 (13) A2

(21) PCT/US02/38033

(22) 27 Nov/nov 2002 (27.11.2002)

(25) en (26) en

(30) 60/333,578 27 Nov/nov 2001 US
(27.11.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SABOT-LAUNCHED DELIVERY APPARATUS FOR NON-LETHAL PAYLOAD

• APPAREIL DE FOURNITURE DE CHARGE UTILE NON LETALE A LANCEMENT A SABOT

(71) ARMTEC DEFENSE PRODUCTS CO. [US/US]; 85901 Avenue 53, Coachella, CA 92236 (US).

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

(72, 75) HEIDENREICH, Paul, D. [US/US]; 11657 Aldercrest Point, San Diego, CA 92131 (US). MUTASCIO, Enrico, R. [US/US]; 1453 N. Fiesta Road, Palm Springs, CA 92262 (US). VLADESCU, Bogdan, I. [US/US]; 54-450 Eisenhower Drive, La Quinta, CA 92253 (US). KRUSHAT,

James, M. [US/US]; 1131 Pajaro Road, Palm Springs, CA 92262 (US).

(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 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 F42B

(11) WO 03/095931 (13) A2

(21) PCT/US03/13924

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/138,300 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR RELEASABLY ATTACHING A CLOSURE PLATE TO A CASING

• PROCEDE ET APPAREIL POUR FIXER DE FAÇON LIBERABLE UNE PLAQUE D'OBTURATION A UN BOITIER

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

(72) ROACH, Eric, E.; 8000 Bright Court, Orlando, FL 32836 (US).

(74) KEANE, Patrick, C.; BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. BOX 1404, Alexandria, VA 22313-1404 (US).

(81) AU SG.

(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 : AU SG 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)

(t) for all designations / pour toutes les désignations

(51)⁷ F42B 3/04

(11) WO 03/095932 (13) A1

(21) PCT/ZA03/00063

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 2002/3791 13 May/mai 2002 ZA
(13.05.2002)(30) 2002/6324 8 Aug/août 2002 ZA
(08.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHTWEIGHT GAS GENERATOR DEVICE

• DISPOSITIF DE GENERATION DE GAZ LEGER

(71, 72) VAN DYK, Jurie, Wynand [ZA/ZA]; 37 Heuwel Street, 7310 Morreesburg (ZA). VAN DYK, Jacob, Paul, Roux [ZA/ZA]; 37 Heuwel Street, 7310 Morreesburg (ZA). SCHONKEN, Johannes, Theodorus [ZA/ZA]; House 3, Withoogte, 7310 Morreesburg (ZA). LOMBARD, Johan, Francois [ZA/ZA]; 11 Kleinvallei Street, 7599 Stellenbosch (ZA).

(74) VAN DER MERWE, Andries, Petrus, Sch; P.O. Box 20301, 2522 Noordbrug (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).

(51)⁷ F42C 15/295

(11) WO 03/095933 (13) A1

(21) PCT/CH02/00257

(22) 13 May/mai 2002 (13.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PERCUSSION FUSE

• FUSÉE PERCUTANTE

(71) RUAG MUNITION [CH/CH]; Allmendstrasse 74, CH-3602 Thun (CH).

(72) KUTZLI, Jörg; Hofallmend, CH-3631 Höfen (CH). GUENOT, Pascal; Lac 26, CH-2416 Les Brenets (CH).

(74) PPS POLYVALENT PATENT SERVICE AG; Waldrütistrasse 21, CH-8954 Geroldswil (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 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 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 all designations / pour toutes les désignations

(51)⁷ F42D 1/06, C06C 5/06, 5/04

(11) WO 03/095934 (13) A1

(21) PCT/FR03/01355

(22) 29 Apr/avr 2003 (29.04.2003)

(25) fr (26) fr
(30) 02/05384 29 Apr/avr 2002 FR
(29.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PYROTECHNIC DEVICE WITH IGNITION DELAY
• DISPOSITIF PYROTECHNIQUE DE RETARD

(71, 72) AMBRICO, Francesco [FR/FR]; Résidence Le Clair Vallon, F-38160 Saint-Marcellin (FR).

(74) DE BEAUMONT, Michel; Cabinet Michel de Beaumont, 1, rue Champollion, F-38000 Grenoble (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 G01B 5/00

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(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-134114 9 May/mai 2002 JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GAUGE FOR THREE-DIMENSIONAL COORDINATE MEASURER
• JAUGE POUR DISPOSITIF DE MESURE DE COORDONNEES TRIDIMENSIONNELLES

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 (JP).
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(72, 75) MATSUDA, Jiro [JP/JP]; 89-55, Edo, Minori-machi, Higashi-ibaraki-gun, Ibaraki 319-0122 (JP).

(74) KAWASHIMA, Jun et al. / etc.; 7F, Kurihara Bldg., 3-6-10, Nihonbashi, 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 MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/30, 7/16, G01D 1/16, G01N 3/08

(11) WO 03/095936 (13) A1

(21) PCT/US03/14517

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,974 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULAR IMPLANT ASSEMBLY TOOL
• OUTIL D'ASSEMBLAGE POUR IMPLANT MODULAIRE

(71) HAYES MEDICAL, INC. [US/US]; 1115 Windfield Way, Suite 100, El Dorado Hills, CA 95762-9623 (US).

(72) SERRA, Michael, A.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (US). DESPRES, Alfred, S.; 4607 Hillwood Drive, Shingle Springs, CA 95682 (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).

Published / Publiée : (c)

(51)⁷ G01B 7/06, 11/06, 21/08

(11) WO 03/095937 (13) A1

(21) PCT/IT03/00276

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) FI2002A000077 10 May/mai 2002 IT
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE TO DETERMINE THE THICKNESS OF A CONDUCTIVE LAYER
• DISPOSITIF DESTINE A DETERMINER L'EPaisseur D'UNE COUCHE CONDUCTRICE

(71) GALILEO VACUUM SYSTEM S.R.L. [IT/IT]; Via delle Fonti 432, 59100 Prato (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LASAGNI, Massimo [IT/IT]; Via Assisi 3, I-50142 Firenze (IT).

(74) MANNUCCI, Michele et al. / etc.; UFF. Tecn. Ing. A. Mannucci 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).

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(51)⁷ G01B 7/30, G01D 5/14, 5/16

(11) WO 03/095938 (13) A1

(21) PCT/IE03/00074

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) S2002/0379 10 May/mai 2002 IE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANGLE SENSOR
• CAPTEUR D'ANGLE

(71, 72) KEANE, Padraig [IE/IE]; 14 Estuary Walk, Ballynoe, Cobh, County Cork (IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruickshank & 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 9/02

(11) WO 03/095939 (13) A1

(21) PCT/US03/14278

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/141,372 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR THE ELIMINATION OF POLARIZATION FADING IN INTERFEROMETRIC SENSING SYSTEMS

• PROCEDE ET APPAREIL D'ELIMINATION D'EVANOUISSEMENT DE LA POLARISATION DANS DES SYSTEMES DE DETECTION INTERFEROMETRIQUE

(71) SERCEL INC. [US/US]; 17200 Park Row, Houston, TX 77084-4925 (US).

(72) LUSCOMBE, John; 106 Southmoor Road, Oxford OX2 6RB (GB). MAIDA, John, L., Jr.; 10420 Memorial Dr., Houston, TX 77024 (US).

(74) COOK, Tim; Browning Bushman, P.C., 5718 Westheimer, Suite 1800, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/02

(11) WO 03/095940 (13) A2

(21) PCT/US03/14915

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,004 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPENSATION FOR GEOMETRIC EFFECTS OF BEAM MISALIGNMENTS IN PLANE MIRROR INTERFEROMETERS

• COMPENSATION DES EFFETS GEOMETRIQUES DU DESALIGNEMENT DE FAISCEAUX DANS DES INTERFEROMETRES A MIROIR PLAN

(71) ZYGO CORPORATION [US/US]; 21 Laurel Brook Road, Middlefield, CT 06455-0448 (US).

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(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 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 G01B 17/02

(11) WO 03/095941 (13) A2

(21) PCT/US03/13129

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/142,073 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR CONTROLLING TUBE THICKNESS

• SYSTEME ET PROCEDE POUR COMMANDER L'EPaisseur DE TUBES

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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

(72, 75) DRAKE, Thomas, E. [US/US]; 2530 Ryan Place Drive, Fort Worth, TX 76110 (US).

(74) MCLAUCHLAN, Robert, A. et al. / etc.; Koestner Bertani, LLP, P.O. Box 26780, Austin, TX 78755 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 17/02, G01N 29/24

(11) WO 03/095942 (13) A2

(21) PCT/US03/13244

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/142,071 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR CONTROL OF PAINT THICKNESS BY USING AN OPTOACOUSTIC TECHNIQUE

• SYSTEME ET PROCEDE DE COMMANDE DE L'EPaisseur DE LA PEINTURE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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

(72, 75) DRAKE, Thomas, E. [US/US]; 2530 Ryan Place Drive, Fort Worth, TX 76110 (US).

(74) MCLAUCHLAN, Robert, A. et al. / etc.; KOSTNER BERTANI, LLP, P.O. Box 26780, Austin, TX 78755 (US).

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

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 21/04, G05B 19/18

(11) WO 03/095943 (13) A1

(21) PCT/GB03/01893

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210990.8 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF GENERATING AN INSPECTION PROGRAM AND METHOD OF GENERATING A VISUAL DISPLAY

• PROCEDE DE PRODUCTION DE PROGRAMME D'INSPECTION ET PROCEDE DE PRODUCTION D'AFFICHAGE VISUEL

(71) ROLLS-ROYCE PLC [GB/GB]; 65 Buckingham Gate, London SW1E 6AT (GB).

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(72, 75) HOUGH, Gerald, William [GB/GB]; 52 Brackens Lane, Alvaston, Derby DE24 0AP (GB).

(74) GUNN, Michael, Alan; Rolls-Royce plc, P.O. Box 31, Derby DE24 8BJ (GB).

(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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(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)

(u) for / pour US only / seulement

(51)⁷ G01C 21/32, G09B 29/10, G06K 9/00

(11) WO 03/095944 (13) A1

(21) PCT/US03/14307

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,279 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NAVIGATION MAP CREATION SYSTEM

• SYSTEME DE CREATION DE CARTE DE NAVIGATION

(71) HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED [US/US]; 8500 Balboa Boulevard, Northridge, CA 91329 (US).

(72) **NAGEL, Philipp, Harald**; Jahnstuaesse 28d, 27220 Seevetal (DE).

(74) **GNOFFO, Vincent, J.**; 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 G01D

(11) WO 03/095945 (13) A2

(21) PCT/US03/12371

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 60/374,130 22 Apr/avr 2002 US (22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION

• PROCEDES ET APPAREIL DE COLLECTE DE DONNEES D'AUDIENCE ASSOCIEES A UNE PRESENTATION AUDIOVISUELLE

(71) **NIELSEN MEDIA RESEARCH, INC.** [US/US]; 770 Broadway, New York, NY 10003 (US).

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(72, 75) **MEARS, Paul, M.** [US/US]; 1106 Hounds Run, Safety Harbor, FL 34695 (US). **RAMASWAMY, Arun** [IN/US]; 10710 Tavistock Drive, Tampa, FL 33626 (US). **SRINIVASAN, Venugopal** [US/US]; 2845 Jarvis Circle, Palm Harbor, FL 34683 (US). **NELSON, Dan** [US/US]; 12562 Leatherleaf Drive, Tampa, FL 33623 (US). **DENG, Kevin, K.** [US/US]; 2106 Gull Lane, Safety Harbor, FL 32695 (US). **PEIFFER, John** [US/US]; 5638 Antelope Lane, New Port Richey, FL 34653 (US).

(74) **HO, Frankie**; Grossman & Flight, LLC., 20 N. Wacker Drive, Suite 4220, 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 G01D 5/20

(11) WO 03/095946 (13) A1

(21) PCT/SE03/00675

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 0201411-6 7 May/mai 2002 SE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR DIAGNOSIS OF DETECTOR

• PROCEDE ET DISPOSITIF POUR LE DIAGNOSTIC DE DETECTEURS

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).

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

(72, 75) **MAX, Erland** [SE/SE]; Norra Vaktmansgatan 31, S-426 68 Västra Frölunda (SE). **STEEN, Marcus** [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (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 G01F 1/68

(11) WO 03/095947 (13) A1

(21) PCT/IB03/01825

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210657.3 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HOT WIRE MASS FLOW MEASUREMENT DEVICE FOR A HIGH TEMPERATURE GAS

• DEBIMETRE A FIL CHAUD DESTINE A UN GAZ HAUTE TEMPERATURE

(71) **MELEXIS NV** [BE/BE]; Microelectronic Integrated Systems, Rozendaalstraat 12, B-8900 Leper (BE).

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

(72, 75) **BAERTS, Chris** [BE/BE]; Meldertsesteenweg 142, B-3583 Paal-Beringen (BE). **GANSEMAN, Chris** [BE/BE]; Kwadepoelstraat 48, B-8550 Zwevegem (BE). **VAN DE VOORDE, Patrick** [BE/BE]; Heidelbergstraat 59, B-8210 Loppem (BE). **GRIF-FIN, Joseph, R.** [US/US]; 12276 Windsor Beach Drive, Fenton, MI 48430 (US).

(74) **CROFT, Michael, John et al. / etc.**; Wilson Gunn Skerrett, Charles Street, 148/9 Great Charles Street, Birmingham B3 3HT (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 G01F 1/72, 1/68, F02D 41/18

(11) WO 03/095948 (13) A1

(21) PCT/DE03/01324

(22) 23 Apr/avr 2003 (23.04.2003)

(25) de (26) de

(30) 102 18 117.9 23 Apr/avr 2002 DE (23.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETERMINING AN AIR MASS FLOW

• PROCEDE DE DETERMINATION D'UN FLUX MASSIQUE D'AIR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **FRIE, Werner** [DE/DE]; Wutzlhofen 40a, 93057 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).

Published / Publiée : (c)

(51)⁷ G01F 1/84, G01N 11/02

(11) WO 03/095949 (13) A1

(21) PCT/EP03/04777

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 827.1 8 May/mai 2002 DE (08.05.2002)

(30) 60/393,116 3 Jul/juil 2002 US (03.07.2002)

(30) 102 35 322.0 1 Aug/août 2002 DE (01.08.2002)

(30) 60/400,047 2 Aug/août 2002 US (02.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TORSIONAL OSCILLATION DAMPER FOR A VIBRATING MEASURING TRANSFORMER

- AMORTISSEUR D'OSCILLATIONS DE TORSION POUR TRANSFORMATEUR DE MESURE DE TYPE VIBRANT
- (71) ENDRESS + HAUSER FLOWTEC AG [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).
- (72) DRAHM, Wolfgang; Am Hochrainacker 82, 85435 Erding (DE). RIEDER, Alfred; Buchenstrasse 9, 84034 Landshut (DE).
- (74) ANDRES, Angelika; 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/84, G01N 9/32, 11/02
- (11) WO 03/095950 (13) A1
- (21) PCT/EP03/04778
- (22) 7 May/mai 2003 (07.05.2003)
- (25) de (26) de
- (30) 102 20 827.1 8 May/mai 2002 DE (08.05.2002)
- (30) 60/393,116 3 Jul/juil 2002 US (03.07.2002)
- (30) 102 35 322.0 1 Aug/août 2002 DE (01.08.2002)
- (30) 60/400,047 2 Aug/août 2002 US (02.08.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • VIBRATING MEASURING TRANSFORMER
- TRANSFORMATEUR DE MESURE DE TYPE A VIBRATIONS
- (71) ENDRESS + HAUSER FLOWTEC AG [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).
- (72) DRAHM, Wolfgang; Am Hochrainacker 82, 85435 Erding (DE). RIEDER, Alfred; Buchenstrasse 9, 84034 Landshut (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01F 11/00
- (11) WO 03/095951 (13) A1
- (21) PCT/US03/15171
- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- (30) 60/379,943 13 May/mai 2002 US (13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FUEL DISPENSER BASE SPACER
- ELEMENT D'ESPACEMENT DE BASE DE DISTRIBUTEUR DE CARBURANT
- (71) TOKHEIM CORPORATION [US/US]; 1600 Wabash Avenue, Fort Wayne, IN 46803 (US).
- (72) STANLEY, Dean; 1404 Chanterelle, Fort Wayne, IN 46845 (US).
- (74) KNUTH, Randall, J.; Randall J. Knuth, P.C., 3510-A Stelhorn Road, Fort Wayne, IN 46815-4631 (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 G01F 11/04, G01N 31/16, 21/25
- (11) WO 03/095952 (13) A1
- (21) PCT/AU03/00539
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) PS 2298 7 May/mai 2002 AU (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • APPARATUS FOR MIXING AND/OR TESTING SMALL VOLUMES OF FLUIDS
- APPAREIL DE MELANGE ET/OU DE CONTROLE DE PETITS VOLUMES DE FLUIDES
- (71, 72) BREMAUER, Ben [AU/AU]; IB, 39-45 Susan Street, Eltham, VIC 3095 (AU).
- (74) DREW, David, Charles et al. / etc.; Patent Attorney Services, 26 Ellingworth Parade, Box Hill, VIC 3128 (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 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 :
(u) for / pour US only / seulement

- (51)⁷ G01F 23/14
- (11) WO 03/095953 (13) A1
- (21) PCT/DK03/00299
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) PA 2002 00718 10 May/mai 2002 DK (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A METHOD AND A SYSTEM FOR LEVEL MEASUREMENT OF A LIQUID IN CONTAINERS
- PROCEDE ET SYSTEME DE MESURE DU NIVEAU D'UN LIQUIDE DANS DES CONTENANTS
- (71) TELL IT ONLINE [DK/DK]; Kronprinsessegade 36, DK-1306 Copenhagen K (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MERRILD, Frans [DK/DK]; Over Gaden Neden Vandet 51A, 3.tv, DK-1414 Copenhagen K (DK).
- (74) Høiberg A/S; St. Kongensgade 59A, DK-1264 Copenhagen (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01F 23/284
- (11) WO 03/095954 (13) A1
- (21) PCT/EP03/04248
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) de (26) de
- (30) 102 20 479.9 7 May/mai 2002 DE (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR DETERMINING A POSITION PARAMETER FOR A BOUNDARY LAYER OF A MEDIUM CONTAINED IN A CONTAINER
- PROCEDE DE DETERMINATION D'UNE CARACTERISTIQUE DE POSITION D'UNE INTERFACE D'UN

MILIEU CONTENU DANS UN CONTE-
NANT

(71) **FRAMATOME ANP GMBH** [DE/DE];
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(72) **CONRADT, Hermann-Josef**; Dachsweg
29, 91074 Herzogenaurach (DE). **DUBIEL,**
Klaus; Volkswohlstr. 22, 90451 Nürnberg
(DE).

(74) **WALKENHORST, Andreas**; Tergau &
Pohl, Eschersheimer Landstrasse 26, 60322
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(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 G01G

(11) WO 03/095955 (13) A2

(21) PCT/GB03/02071

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 0210945.2 14 May/mai 2002 GB
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS FOR COUNTING ARTI-
CLES BY WEIGHT

• APPAREIL DE DENOMBREMENT
D'ARTICLES AU POIDS

(71) **VOLUMATIC LIMITED** [GB/GB]; Taurus
House, Endemere Road, Coventry CV6 5PY
(GB).

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

(72, 75) **JOHNSON, Duncan, Miles** [GB/GB];
332 Alcester Road, Burcot, Bromsgrove,
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David [GB/GB]; 7 Alexandra Road, Over-
seal, Swadlincote, Derbyshire DE12 6LL
(GB).

(74) **DEARING-LAMBERT, Peter, Richard**;
Piper Lambert, 120 Queens Road, Leicester
LE2 3FL (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 G01H

(11) WO 03/095956 (13) A2

(21) PCT/EP03/03731

(22) 14 Apr/avr 2003 (14.04.2003)

(25) de (26) de

(30) 102 16 575.0 13 Apr/avr 2002 DE
(13.04.2002)

(30) 102 28 389.3 25 Jun/juin 2002 DE
(25.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VIBRATION SENSOR AND METHOD
FOR MONITORING THE CONDITION
OF ROTATING COMPONENTS AND
BEARINGS

• DETECTEUR DE VIBRATIONS ET
PROCEDE DE SURVEILLANCE
D'ETAT DE PIECES ET DE PALIERS
TOURNANTS

(71) **I-FOR-T GMBH** [DE/DE]; Westerndorfer-
strasse 14, 83024 Rosenheim (DE).

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

(72, 75) **BAUER, Christian** [DE/DE];
Ringstrasse 7, 84378 Dietersburg (DE).
DANITSCHKE, Michael [DE/DE]; Breiten-
steinstrasse 24, 83071 Stephanskirchen (DE).
GRIESSLER, Erich [DE/DE]; Austrasse 66,
83024 Rosenheim (DE). **HERBERHOLZ,**
Peter [DE/DE]; Spielhahnstrasse 23, 83059
Kolbermoor (DE). **kathan, Benno** [DE/DE];
Untere Ebenhalde 10, 88142 Wasserburg
(DE). **MAY, Thomas** [DE/DE]; Silvaner
Weg 13, 78464 Konstanz (DE).

(74) **GESTHUYSEN, VON ROHR UND EG-
GERT**; Huyssenallee 100, 45128 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 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 G01H 3/00, G01V 13/00

(11) WO 03/095957 (13) A1

(21) PCT/GB03/01791

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 0210486.7 8 May/mai 2002 GB
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS TO TRANSDUCER
TESTING

• AMELIORATIONS ASSOCIEES AU
TEST DE TRANSDUCTEURS

(71) **BAE SYSTEMS PLC** [GB/GB]; 6 Carlton
Gardens, London SW1Y 5AD (GB).

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

(72, 75) **PALMER, Kenneth, Frank** [GB/GB];
Bae Systems Avionics, 6 South Gyle Cres-
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9EA (GB).

(74) **GROUP IP DEPARTMENT**; Bae Systems
plc, Lancaster House, P.O. Box 87, Farnbor-
ough Aerospace Centre, Farnborough, Hamp-
shire GU14 6YU (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 G01J 1/02, 1/42, H01J 47/08

(11) WO 03/095958 (13) A1

(21) PCT/JP03/05653

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-131691 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ULTRAVIOLET DETECTOR

• DETECTEUR D'ULTRAVIOLETS

(71) **YAMATAKE CORPORATION** [JP/JP];
12-19, Shibuya 2-chome, Shibuya-ku, Tokyo
150-0002 (JP).

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

(72, 75) **SEKI, Kazuo** [JP/JP]; c/o YA-
MATAKE CORPORATION, 12-19, Shibuya
2-chome, Shibuya-ku, Tokyo 150-0002
(JP). **KADOYA, Satoshi** [JP/JP]; c/o YA-
MATAKE CORPORATION, 12-19, Shibuya
2-chome, Shibuya-ku, Tokyo 150-0002
(JP). **NISHINO, Giichi** [JP/JP]; c/o YA-
MATAKE CORPORATION, 12-19, Shibuya
2-chome, Shibuya-ku, Tokyo 150-0002
(JP). **TANAKA, Kenjiro** [JP/JP]; c/o YA-
MATAKE CORPORATION, 12-19, Shibuya
2-chome, Shibuya-ku, Tokyo 150-0002
(JP). **YAMADA, Tetsuya** [JP/JP]; c/o YA-
MATAKE CORPORATION, 12-19, Shibuya
2-chome, Shibuya-ku, Tokyo 150-0002 (JP).

(74) **HORI, Susumu**; NA Building 2F, 1-3,
Kanda-Sudacho, Chiyoda-ku, Tokyo
101-0041 (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 NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 5/02

(11) WO 03/095959 (13) A1

(21) PCT/EP03/03985

(22) 16 Apr/avr 2003 (16.04.2003)

- (25) en (26) en
- (30) 417/MUM/02 **8 May/mai 2002** IN
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • THERMOMETER
• THERMOMETRE
- (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) SARAVANAN, Balasubramanian [IN/IN]; F-3 Aakash, 8 Rathnammal Street, 600 024 Kodambakkam (IN). SURESH, Sambamurthy, Jayaraman [IN/IN]; 606 A Block, Natasha Golf View, 560 071 Bangalore (IN). NAIK, Vijay, Mukund [IN/IN]; Unilever Research India, 64, Main Road, Whitefield, 560 066 Bangalore (IN). FRANKLIN, David, Chandra [IN/IN]; Hindustan Lever Ltd, 137/F-34 " New Castle", TNDCC Guest House Road, 643 101 Ooty (IN).
- (74) JOPPE, Hermina, L.P.; 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.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/36, G01D 5/20
- (11) WO 03/095960 (13) A1
- (21) PCT/SE03/00663
- (22) 25 Apr/avr 2003 (25.04.2003)
- (25) en (26) en
- (30) 0201409-0 **7 May/mai 2002** SE
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND DEVICE FOR MEASUREMENT OF TEMPERATURE

- PROCEDE ET DISPOSITIF DE MESURE DE TEMPERATURE
- (71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAX, Erland [SE/SE]; Norra Vaktmansgatan 31, S-426 68 Västra Frölunda (SE). STEEN, Marcus [SE/SE]; Fotbollsvägen 31, S-424 33 Ängered (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00, F16K 37/00
- (11) WO 03/095961 (13) A1
- (21) PCT/SE03/00733
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 0201407-4 **8 May/mai 2002** SE
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POWER SIGNATURE DIAGNOSING
• DIAGNOSTIC D'UNE SIGNATURE ELECTRIQUE
- (71) PSD INSIGHT AB [SE/SE]; Box 361, S-751 06 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PERNESTÅL, Kjell [SE/SE]; Skogsvägen 28, S-757 56 Uppsala (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 G01L 9/00, 19/06
- (11) WO 03/095962 (13) A1
- (21) PCT/US03/11923
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) en (26) en
- (30) 10/142,011 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PRESSURE SENSOR ASSEMBLY
• ENSEMBLE CAPTEUR DE PRESSION
- (71) ROSEMOUNT INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).
- (72) SITTNER, Fred, C.; 6526 Aster Trail, Excelsior, MN 55331 (US). NORD, Christina, A.; 1685 Pebble Terrace, Shakopee, MN 55379 (US). ROMO, Mark, G.; 8630 Coachmans Lane, Eden Prairie, MN 55347 (US).
- (74) CHAMPLIN, Judson et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 2nd 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) 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 G01L 9/00
- (11) WO 03/095963 (13) A2
- (21) PCT/US03/13295
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) 10/139,892 **6 May/mai 2002** US
(06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BAROMETRIC PRESSURE SENSOR
• CAPTEUR DE PRESSION ATMOSPHERIQUE
- (71) ROSEMOUNT, INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).
- (72) NELSON, Daniel, S.; 2275 Van Sloun Road, Chaska, MN 55318 (US). HILLMAN, David, J.; 210 North Court Street, Prescott, WI 54021 (US). McINTIRE, John; 820 Lake Susan Hills Drive, Chanhassen, MN 55317 (US).
- (74) BOHN, David, C. 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) 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 G01M 3/26

(11) WO 03/095964 (13) A1

(21) PCT/JP02/10561

(22) 10 Oct/oct 2002 (10.10.2002)

(25) ja (26) ja

(30) 2002-136563 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BOX BODY AIRTIGHT INSPECTION DEVICE WITH VAPOR MOVEMENT CONTROL DEVICE

• DISPOSITIF D'INSPECTION HERMETIQUE DE CORPS DE BOITE

(71, 72) MIZOBE, Kunitaka [JP/JP]; 6-7, Hoshikuma 1-chome, Jonan-ku, Fukuoka-shi, Fukuoka 814-0132 (JP).

(74) HIRATA, Yoshinori; 7-25, Nishizin 1-chome, Sawara-ku, Fukuoka-shi, Fukuoka 814-0002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M 3/28, F16K 37/00

(11) WO 03/095965 (13) A2

(21) PCT/GB03/02029

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210885.0 13 May/mai 2002 GB (13.05.2002)

(30) 0217560.2 30 Jul/juil 2002 GB (30.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TANK VALVE TESTING METHOD, VALVE AND KIT

• METHODE D'ESSAI POUR SOUPAPE DE CUVE, SOUPAPE ET NECESSAIRE A CET EFFET

(71) ENVIROTECH PRODUCTS LIMITED [GB/GB]; 2 Campus Road, Listerhills Science Park, Bradford, West Yorkshire BD7 1HR (GB).

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(72, 75) PLATT, Grahame [GB/GB]; Halfmoon Cottage, Kirkthorpe Lane, Kirkthorpe, Wakefield WF1 5SZ (GB).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01M 17/007

(11) WO 03/095966 (13) A2

(21) PCT/IB03/02372

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 60/380,401 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • 6-AXIS ROAD SIMULATOR TEST SYSTEM

• SYSTEME D'ESSAI SUR 6 AXES PAR SIMULATEUR DE ROUTE

(71) BIA [FR/FR]; Za Les Boutries, 8 rue de l'Hautail, F-78700 Conflans Ste Honorine (FR).

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

(72, 75) NAMOUN, Faycal [FR/FR]; 1, Parc de Lattre de Tassigny, F-92400 Courberioie (FR).

(74) BIA; c/o EUSEBI, Christopher, A., Harness, Dickey & Pierce, P.L.C., 5445 Corporate Drive, Suite 400, Troy, MI 48098 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 03/095967 (13) A2

(21) PCT/EP03/04597

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 02010163.0 14 May/mai 2002 EP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH CHEMOKINE RECEPTOR 9(CCR9)

• METHODES DIAGNOSTIQUES ET THERAPEUTIQUES POUR LES MALADIES ASSOCIEES AU RECEPTEUR 9 DES CHIMIOKINES (CCR9)

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

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

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45329 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01N

(11) WO 03/095968 (13) A2

(21) PCT/FR03/01429

(22) 9 May/mai 2003 (09.05.2003)

(25) fr (26) fr

(30) 02/05808 **10 May/mai 2002** FR
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR SIMULTANEOUSLY DETECTING AN ANTIGEN AND AN ANTIBODY OF AN INFECTIOUS MICROORGANISM

• PROCEDE DE DETECTION SIMULTANEE D'UN ANTIGENE ET D'UN ANTICORPS D'UN MICROORGANISME INFECTUEUX

(71) **BIO-RAD PASTEUR** [FR/FR]; 3, boulevard Poincaré, F-92430 Marnes la Coquette (FR).

(72) **RIEUNIER, François**; 5, rue du bois, F-78390 Bois d'Arcy (FR). **FEYSSAGUET, Muriel**; 14, rue Gaston Latouche, F-92210 Saint Cloud (FR). **HENRIOT, Stéphanie**; 41, rue des Bartoux, F-92150 Suresnes (FR). **LAMBERT, Nadine**; 5, avenue Ernest Bousson, F-78400 Chatou (FR).

(74) **BERNASCONI, Jean et al.** / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 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).

(51)⁷ G01N

(11) **WO 03/095969** (13) A2

(21) PCT/GB03/01912

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 0210460.2 **8 May/mai 2002** GB
(08.05.2002)

(30) 60/398,013 **24 Jul/juil 2002** US
(24.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SAMPLE COLLECTION DEVICE

• DISPOSITIF DE PRELEVEMENT D'ECHANTILLONS

(71) **YORKTEST LABORATORIES LIMITED** [GB/GB]; Murton Way, Osbaldwick, York YO19 5US (GB).
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(72, 75) **RHODES, Christopher, Bruce** [GB/GB]; Yorktest Laboratories Limited, Murton Way, Osbaldwick, York YO19 5US (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095970** (13) A2

(21) PCT/SG03/00066

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(30) 200201886-9 **28 Mar/mar 2002** SG
(28.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYBRID MODE STIRRED AND MODE TUNED CHAMBER

• CHAMBRE HYBRIDE EN MODE REGLE ET AGITE

(71) **INSTITUTE OF HIGH PERFORMANCE COMPUTING** [SG/SG]; 1 Science Park Road, #01-01 The Capricorn, Singapore Science Park II, 117528 Singapore (SG).

(71, 72) **LI, Erping** [SG/SG]; Blk 413, #04-403, Choa Chu Kang Avenue 3, 680413 Singapore (SG). **WANG, Sheng** [CN/SG]; Blk 346, #07-22, Clementi Avenue 5, 120346 Singapore (SG). **ZHANG, Daming** [CN/SG]; Blk 210, #05-162, Choa Chu Kang Central, 680210 Singapore (SG).

(74) **ALLEN & GLEDHILL**; 36 Robinson Road, #18-01 City House, 068877 Singapore (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 NI NO NZ OM PH PL PT RO RU SC SD SE SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095971** (13) A2

(21) PCT/US02/36366

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 60/345,846 **9 Nov/nov 2001** US
(09.11.2001)

(30) 60/364,530 **15 Mar/mar 2002** US
(15.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POSH NUCLEIC ACIDS, POLYPEPTIDES AND RELATED METHODS

• ACIDES NUCLEIQUES ET POLYPEPTIDES A DOMAINES SH3 MULTIPLES (<I>POSH</I>) ET METHODES ASSOCIEES

(71) **PROTEOLOGICS, INC.** [US/US]; 40 Ramland Road South, Suite 10, Orangeburg, NY 10962 (US).

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(72, 75) **ALROY, Iris** [IL/IL]; Hashirion Street 10, Apt. 17, 74065 Nes Ziona (IL). **GREENER, Tsvika** [IL/IL]; Hahavazelet 9a, Ness-Ziona (IL). **TUVIA, Shmuel** [IL/IL]; Hartzit 1, Netanya 42490 (IL). **BEN-AVRAM, Danny** [IL/IL]; Mahal 60, Tel-Aviv (IL).

(74) **VARMA, Anita 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 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 G01N

(11) **WO 03/095972** (13) A2

(21) PCT/US03/13544

(22) **1 May/mai 2003 (01.05.2003)**

(25) en (26) en

(30) 60/379,841 **9 May/mai 2002** US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF ANALYZING ATAXIA-TELANGIECTASIA PROTEIN

• PROCEDE D'ANALYSE D'UNE PROTEINE DE L'ATAXIE-TELANGIECTASIE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).

(72) **GATTI, Richard, A.**; 3835 Longridge Avenue, Sherman Oaks, CA 91423 (US). **BUTCH, Anthony, W.**; 1203 Bienveneda Avenue, Pacific Palisades, CA 90272 (US). **CHUN, Helen, H.**; 20670 Clarendon Street, Woodland Hills, CA 91367 (US). **SUN, Xia**; YinXin Street #100, XuanWu District, Beijing 100052 (CN).

(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 865 South Figueroa, Twenty-Ninth 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095973 (13) A2

(21) PCT/US03/14100

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,538 7 May/mai 2002 US (07.05.2002)

(30) 60/383,630 28 May/mai 2002 US (28.05.2002)

(30) 10/172,428 14 Jun/juin 2002 US (14.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NANOPARTICLE PROBES WITH RAMAN SPECTROSCOPIC FINGERPRINTS FOR ANALYTE DETECTION

• NANOPARTICULES SONDES A EMPREINTES RAMAN DESTINEES A LA DETECTION D'ANALYTES

(63) US 10/172,428 (CIP)
14 Jun/juin 2002 (14.06.2002)

(71) NORTHWESTERN UNIVERSITY [US/US]; 633 Clark Street, Evanston, IL 60208 (US).

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(72, 75) MIRKIN, Chad [US/US]; 111 16th Street, Wilmette, IL 60091 (US). CAO, Yun-Wei [CN/US]; 1228 Oak Avenue, Apt 5, Evanston, IL 60202 (US). JIN, Rongchao [CN/US]; 2203 Maple Avenue, Apt. F3, Evanston, IL 60201 (US).

(74) MIAO, Emily; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095974 (13) A2

(21) PCT/US03/14131

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/377,986 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLLECTION ASSEMBLY

• ENSEMBLE DE COLLECTE

(71) BECTON, DICKINSON AND COMPANY [US/US]; RITTMAN, Scott, J., 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

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(71, 72) WALENCIAK, Matthew [US/US]; 425 Summit Avenue, Westfield, NJ 07090 (US). GROELZ, Daniel [DE/DE]; Heiligenstr. 88, D-40721 Hilden (DE). OELMUELLER, Uwe [DE/DE]; Millrather Way 46, D-40699 Erkath (DE). BASTIAN, Helge [DE/DE]; Meisenweg 7, D-40822 Mettmann (DE).

(72, 75) RAINEN, Lynne [US/US]; 17 Lewis Drive, Maplewood, NJ 07040 (US).

(74) NAMMO, Laura, D.; Patton Boggs LLP, 8484 Westpark Drive, 9th 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095975 (13) A2

(21) PCT/US03/14403

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,982 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD TO TEST NUTRITIONAL SUPPLEMENTS

• SYSTEME ET PROCEDE POUR TESTER DES COMPLEMENTES NUTRITIONNELS

(71) BIOMED PERSONAL METABOLIC & NUTRITIONAL TESTING, INC. [US/US]; 55 Sassafrass Court, Russellville, AR 72802 (US).

(71, 72) DUNN, Jacky, F. [US/US]; 55 Sassafrass Court, Russellville, AR 72802 (US).

(74) FENTRESS, Susan, B.; Butler, Snow, O'Mara, Stevens & Cannada PLLC, 6075 Poplar Avenue, Suite 500, Memphis, TN 38119 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095976 (13) A2

(21) PCT/US03/14553

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,642 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • QM-7 AND QT-6 CELLS TRANSFECTED WITH MUTANT CELL SURFACE EXPRESSED CHANNEL RECEPTORS AND ASSAYS USING THE TRANSFECTED CELLS

• CELLULES QM-7 ET QT-6 TRANSFECTEES AVEC DES RECEPTEURS MUTANTS A CANAL A EXPRESSION DE SURFACE ET TESTS FAISANT APPEL A CES CELLULES TRANSFECTEES

(71) MEMORY PHARMACEUTICALS CORPORATION [US/US]; 100 Philips Parkway, Montvale, NJ 07645 (US).

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(72, 75) WANG, Daguang [US/US]; 109 Nottingham Court, Montvale, NJ 07645 (US). DE VIVO, Michael [US/US]; Apt. 1B, 386 Columbus Ave., New York, NY 10024 (US).

(74) ZELANO, Anthony, J. et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095977 (13) A2

(21) PCT/US03/14716

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,142 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR CANCER PROGNOSIS AND DIAGNOSIS RELATING TO TUMOR VASCULAR ENDOTHELIAL CELLS

• METHODES DE PRONOSTIC ET DE DIAGNOSTIC DU CANCER SUR LA BASE DE CELLULES ENDOTHELIALES VASCULAIRES TUMORALES

(63) US 10/144,142 (CON)
10 May/mai 2002 (10.05.2002)

(71) ONCOTECH, INC. [US/US]; 15501 Red Hill Avenue, Tustin, CA 92780 (US).
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(72, 75) **FRUEHAUF, John, P.** [US/US]; 2384 Tubbs Drive, Tustin, CA 92782 (US).
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(74) **NOONAN, Kevin, E.**; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/095978 (13) A2

(21) PCT/US03/14729

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,003 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS FOR TIME-ALIGNMENT OF LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY DATA
• PROCÉDES D'ALIGNEMENT TEMPORÉL DE DONNÉES OBTENUES PAR CHROMATOGRAPHIE LIQUIDE OU PAR SPECTROMÉTRIE DE MASSE

(71) **SURROMED, INC.** [US/US]; 2375 Garcia Avenue, Mountain View, CA 94043 (US).

(72) **NORTON, Scott**; 1000 Escalon Avenue, Apt. B2014, Sunnyvale, CA 94085 (US).

(74) **SWANSON, Barry, J.** et al. / etc.; Swanson & Bratschun, L.L.C., 1745 Shea Center Drive, Suite 330, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, B01D 11/00, C07D 311/30, 311/40, 455/03, C07H 15/256

(11) WO 03/095979 (13) A1

(21) PCT/SG02/00063

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRESSURIZED HOT WATER EXTRACTION

• EXTRACTION PAR EAU CHAUDE PRESSURISÉE

(71) **HEALTH SCIENCES AUTHORITY** [SG/SG]; 11 Outram Road, Singapore 169078 (SG).

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(72, 75) **ONG, Eng, Shi** [SG/SG]; 30 Lorong Pisang Raja, Singapore 597762 (SG).

(74) **NG KIM TEAN**; Messrs Alain A. Johns, 14 Robinson Road, #02-03/04, Far East Finance Building, Singapore 048545 (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 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 G01N 1/00

(11) WO 03/095980 (13) A1

(21) PCT/US03/14648

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/140,990 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PIPETTE TIP WITH AN INTERNAL SLEEVE AND METHOD FOR FORMING SAME

• POINTE DE PIPETTE POURVUE D'UN MANCHON INTERNE ET PROCÉDE DE FORMATION

(71) **POREX CORPORATION** [US/US]; 4715 Roosevelt Highway, College Park, GA 30349 (US).

(72) **BLASZCAK, Peter P.**; 8355 Blackney Road, Sebastopol, CA 95472 (US).
SPENCER, Howard K.; 110 Brookside Road, P.O. Box 423, Angwin, CA 94508 (US).
TAGGART, Thomas; 8278 Camp Rd., Sebastopol, CA 95472 (US).

(74) **AMBRAMS, Samuel B.** 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).

Published / Publiée : (c)

(51)⁷ G01N 1/00, 25/00

(11) WO 03/095981 (13) A1

(21) PCT/US03/15062

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,911 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTO INJECTOR ADAPTER FOR GAS CHROMATOGRAPH

• ADAPTATEUR AUTO-INJECTEUR POUR CHROMATOGRAPHIE EN PHASE GAZEUSE

(71) **HORIZON INSTRUMENT GROUP, L.L.C.** [US/US]; Suite C, 5525 S. Sherwood Forest Boulevard, Baton Rouge, LA 70816 (US).

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(72, 75) **DAVID, J., Fritze** [US/US]; 9922 Chateau Drive, Baton Rouge, LA 70815 (US).

(74) **PRIMEAUX, Russel, O.** et al. / etc.; P.O. Box 3513, Baton Rouge, LA 70821-3513 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 G01N 1/10, 1/00, B01L 3/02, 11/00

(11) WO 03/095982 (13) A1

(21) PCT/US03/13852

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,536 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WAVY INTERFACE MIXER

• MELANGEUR A INTERFACE ONDU-
LEE(71) SCIENCE AND TECHNOLOGY COR-
PORATION @ UNIVERSITY OF NEW
MEXICO [US/US]; 801 University Drive,
SE, Suite 101, Albuquerque, NM 87106 (US).
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les États désignés sauf US)(72, 75) SKLAR, Larry [US/US]; 4000 Aspen
Avenue, NE, Albuquerque, NM 87110 (US).
TRUEDELL, Richard, A. [US/US]; 679
Black Hawk Drive, NE, Albuquerque, NM
87122 (US). MAMMOLI, Andrea [IT/US];
20 Berm N.W., Albuquerque, NM 87120
(US). VOROBIEFF, Peter, V. [RU/US];
7300 Luella Anne Drive, NE, Albuquerque,
NM 87109 (US).(74) JAGTIANI, Ajay; JAGTIANI + GUTTAG,
10363-A Democracy Lane, Fairfax, VA
22030 (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)

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 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 1/24

(11) WO 03/095983 (13) A1

(21) PCT/EP03/04956

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 20 709.7 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR TAKING
INDOOR AIR SAMPLES• PROCEDE ET DISPOSITIF POUR
PRELEVEMENT D'ECHANTILLONS
D'AIR AMBIANT(71) ABB PATENT GMBH [DE/DE]; Wall-
stadter Str. 59, 68526 Ladenburg (DE).
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Bahnhofstrasse 43, 69115 Heidelberg (DE).
RUZZU, Antonio [DE/DE]; Karlsburgstrasse
9, 76627 Karlsruhe (DE). MERTE, Rolf
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Marburg (DE). CZYZEWSKI, Jan [PL/PL];
VI. Bodziszkowa 9, PL-30-223 Krakow (PL).(74) ABB PATENT GMBH; PAT 6, Oberhausen-
erstrasse 33, 40472 Ratingen (DE).

(81) CA JP KP 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).(51)⁷ G01N 13/00

(11) WO 03/095984 (13) A2

(21) PCT/US02/29882

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,787 19 Sep/sep 2001 US
(19.09.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR MEASURING MATE-
RIAL PROPERTIES FROM A MOVING
CONSTRUCTION VEHICLE• SYSTEME DE MESURE DE PRO-
PRIETES DE MATERIAU A PARTIR
D'UN VEHICULE DE CONSTRUC-
TION EN DEPLACEMENT(71) INGERSOLL-RAND COMPANY
[US/US]; 200 Chestnut Ridge Road, Wood-
cliff Lake, NJ 07675 (US).(for all designated States except / pour tous
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Kestral Ridge Drive, Charlotte, NC 28269
(US). SCOTSESE, Michael, J. [US]; 213
Taunton Drive, Carlisle, PA 17013 (US).(74) USSAI, Mark, A.; 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 KZLC LK 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 G01N 15/08 // 33:24, E21B 49/00, E02D
1/00, G01V 1/00, E21B 7/00, 10/00

(11) WO 03/095985 (13) A1

(21) PCT/CA03/00655

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,588 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND PROBE FOR MEASUR-
ING HYDRAULIC CONDUCTIVITY OF
SOIL• PROCEDE ET SONDE DE MESURE DE
LA CONDUCTIVITE HYDRAULIQUE
DU SOL(71) THE UNIVERSITY OF MANITOBA
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Winnipeg, Manitoba, R3X 2B6 (CA).(74) ADE & COMPANY; 1700-360 Main Street,
Winnipeg, Manitoba R3C 3Z3 (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 15/14, 33/50, 21/64, G02B 21/24

(11) WO 03/095986 (13) A1

(21) PCT/IB03/01821

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/380,822 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHODS FOR RAPID
AND AUTOMATED SCREENING OF
CELLS• SYSTEME ET PROCEDE DE CRI-
BLAGE AUTOMATIQUE ET RAPIDE
DE CELLULES

(71) **IMAGING RESEARCH, INC.** [CA/CA]; Brock University, 500 Glenridge Avenue, St. Catharines, Ontario L2S 3A1 (CA).
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(72, 75) **RAMM, Peter** [CA/CA]; 290 Riverview Boulevard, St. Catharines, Ontario L2T 3N4 (CA). **ALEXANDROV, Yuriy** [CA/CA]; 20 Tremont Dr., Apt. 407, St. Catharines, Ontario L2N 5Z5 (CA). **CYBUCH, Jerry** [PL/CA]; 7 Westfield Dr., St. Catharines, ON L2N 5Z5 (CA). **DONDERS, Paul** [CA/CA]; 14 Isidore Place, Stoney Creek, Ontario L2M 7W5 (CA). **ZARATE, Carlos** [CA/CA]; 108 Haddon Avenue N., Hamilton, Ontario L8S 4A5 (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 G01N 21/17, 21/63

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(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,400 6 May/mai 2002 US (06.05.2002)

(30) 60/378,729 7 May/mai 2002 US (07.05.2002)

(30) Not furnished / 25 Apr/avr 2003 US non communiqué (25.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL TECHNIQUE FOR DETECTING BURIED DEFECTS IN OPAQUE FILMS

• TECHNIQUE OPTIQUE DE DETECTION DES DEFAUTS ENTERRES DANS DES FILMS OPAQUES

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US). **APPLIED MATERIALS ISRAEL, LTD.** [IL/IL]; 8 Oppenheimer Street, 76236 Rehovot (IL).

(72) **SOME, Daniel, I.**; Nahal Lachish St., 27A, Apt. 26, 77706 Ashdod (IL).

(74) **FAHMI, Tarek, N.**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 03/095988 (13) A1

(21) PCT/JP03/05724

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002/133265 8 May/mai 2002 JP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INGREDIENT CONCENTRATION MEASUREMENT METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE MEASURE DE CONCENTRATION D'INGREDIENT

(71) **ARKRAY, INC.** [JP/JP]; 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

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(72, 75) **HIRAO, Konomu** [JP/JP]; c/o ARKRAY, Inc., 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

(74) **YOSHIDA, Minoru** et al. / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/25, G01J 3/28

(11) WO 03/095989 (13) A1

(21) PCT/US03/14772

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,483 10 May/mai 2002 US (10.05.2002)

(30) 10/436,415 12 May/mai 2003 US (12.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGING SYSTEM FOR REDUCTION OF INTERSTITIAL IMAGE REGIONS AND ITS RELATED METHOD

• SYSTEME D'IMAGERIE PERMETTANT DE REDUIRE DES REGIONS D'IMAGE INTERSTITIELLES ET PROCEDE ASSOCIE

(71) **APPLERA CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) **BOEGE, Steven**; 1592 Lago Street, Apt. 215, San Mateo, CA 94403 (US).

(74) **MAKROGIANNIS, Phil** et al. / etc.; Applied Biosystems, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/35

(11) WO 03/095990 (13) A1

(21) PCT/DE03/01047

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 21 954.0 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INFRARED SENSOR WITH EXPLOSION-PROOF PROTECTION FOR GAS METERING APPLIANCES

• CAPTEUR INFRAROUGE A PROTECTION ANTIDÉFLAGRANTE POUR APPAREILS DE MESURE DE GAZ

(71) **MSA AUER GMBH** [DE/DE]; Thiemannstrasse 1, 12059 Berlin (DE).

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(72, 75) **SCHUBERT, Axel** [DE/DE]; Sodenstrasse 24, 12309 Berlin (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, 14129 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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(u) for / pour US only / seulement

(51)⁷ G01N 21/35

(11) WO 03/095991 (13) A1

(21) PCT/US03/14702

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,569 **10 May/mai 2002** US
(10.05.2002)

(30) 10/434,329 **8 May/mai 2003** US
(08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TERA-HERTZ RAY MICROSCOPE
• MICROSCOPE A RAYONNEMENT
DANS LE DOMAINE TERA-HERTZ

(71) RENSSLAER POLYTECHNIC INSTITUTE [US/US]; 110 8th Street, Troy, NY 12180-3590 (US).

(72) ZHANG, Xi-Cheng; 51 Meadows Drive, Melrose, NY 12121 (US). XU, Jingzhou; 115 Orchard Avenue, Troy, NY 12180 (US). YUAN, Tao; 506 Pawling Avenue, 2nd Floor, Troy, NY 12180 (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).

(51)⁷ G01N 21/45

(11) WO 03/095992 (13) A1

(21) PCT/RU03/00205

(22) 5 May/mai 2003 (05.05.2003)

(25) ru (26) ru

(30) 2002112251 **8 May/mai 2002** RU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR OPTICAL DETECTION OF A MATERIAL COMPONENT ADDITION TO A SENSOR LAYER USING BIOLOGICAL, CHEMICAL OR PHYSICAL INTERACTION AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE DE DETECTION OPTIQUE DE L'ATTACHEMENT D'UN COMPOSANT MATERIEL A UNE COUCHE SENSORIELLE SUR LA BASE D'UNE INTERACTION BIOLOGIQUE, CHIMIQUE OU PHYSIQUE ET DISPOSITIF DE MISE EN OEUVRE CORRESPONDANT

(71, 72) ATNASHEV, Vitaliy Borisovich [RU/RU]; ul. 8 Marta, 189-4-8, Ekaterinburg, 620003 (RU).

(72, 75) ATNASHEV, Aleksey Vitalevich [RU/RU]; ul. 8 Marta, 189-4-8, Ekaterinburg, 620003 (RU). ATNASHEV, Pavel Vitalevich [RU/RU]; ul. 8 Marta, 189-4-8, Ekaterinburg, 620003 (RU). BOYARCHENKOV, Alexey Sergeevich [RU/RU]; ul. Tkachei, 8-21, Ekaterinburg, 620100 (RU).

(74) ATNASHEV, Vitaliy Borisovich; ul. Mira, 19, a/ya 11, Ekaterinburg, 620002 (RU).

(81) AU CN JP KR NZ 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 G01N 21/55

(11) WO 03/095993 (13) A1

(21) PCT/IL03/00373

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 149557 **9 May/mai 2002** IL
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN OPTICAL SYSTEM OPERATING WITH VARIABLE ANGLE OF INCIDENCE

• SYSTEME OPTIQUE FONCTIONNANT AVEC UN ANGLE D'INCIDENCE VARIABLE

(71) NOVA MEASURING INSTRUMENTS LTD. [IL/IL]; Weizmann Science Park, P.O.B. 266, 76100 Rehovoth (IL).
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(72, 75) BRILL, Boaz [IL/IL]; 38 Hanasi Harishon Street, 76302 Rehovoth (IL). FINAROV, Moshe [IL/IL]; 16/7 Einstein Str., 76470 Rehovoth (IL). SCHEINER, David [IL/IL]; 7 Iris Str., 56905 Ganei Yehuda (IL).

(74) KORSHUNOV, Oleg; Nova Measuring Instruments Ltd., Weizmann Science Park, P.O.B. 266, 76100 Rehovoth (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).

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(51)⁷ G01N 21/59

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(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-138575 **14 May/mai 2002** JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDENSATION SENSOR AND METHOD OF CONTROLLING CONDENSATE FILM IN SEALED SPACE WITH CONDENSATION SENSOR

• CAPTEUR DE CONDENSATION ET PROCEDE PERMETTANT DE CONTROLER UN FILM DE CONDENSAT DANS UN ESPACE CLOS AU MOYEN DE CE CAPTEUR

(71) AIREX CO.,LTD. [JP/JP]; 14-13, Tsubaki-cho, Nakamura-ku, Nagoya-shi, Aichi 453-0015 (JP).

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

(72, 75) KAWASAKI, Koji [JP/JP]; 14-13, Tsubaki-cho, Nakamura-ku, Nagoya-shi, Aichi 453-0015 (JP).

(74) MATSUURA, Kitao; KINSO BUILDING 7F, 18-19, Chiyoda 5-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(u) for / pour US only / seulement

(51)⁷ G01N 21/64, G02B 21/00

(11) WO 03/095995 (13) A1

(21) PCT/GB03/01816

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 0211068.2 **14 May/mai 2002** GB
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ASSESSING BIOFILMS
• PROCEDE D'EVALUATION DE FILMS BIOLOGIQUES

(71) AMERSHAM BIOSCIENCES UK LIMITED [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

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

- (72, 75) **GOODYER, Ian, David** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **LABARBE, Rudi, Willy, Roger** [BE/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **RUEHLMANN, Dietrich, Otto** [DE/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **STUBBS, Simon, Laurence, John** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB).

- (74) **HAMMER, Catriona, MacLeod 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 03/095996 (13) A1

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(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,632 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DUAL SPOT PHASE-SENSITIVE DETECTION

• DETECTION A SENSIBILITE DE PHASE A SPOT DOUBLE

- (71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US). **APPLIED MATERIALS ISRAEL, LTD.** [IL/IL]; 8 Oppenheimer Street, 76236 Rehovot (IL).

- (72) **FELDMAN, Haim**; 21 Bareket Street, Nof-Ayalon (IL).

- (74) **FAHMI, Tarek, N.**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/00

(11) WO 03/095997 (13) A2

(21) PCT/US03/15018

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/146,218 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • CHARGED PARTICLE BEAM APPARATUS AND METHOD FOR INSPECTING SAMPLES

• APPAREIL A FAISCEAU DE PARTICULES CHARGEES ET PROCEDE D'INSPECTION D'ECHANTILLONS

- (71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US). **APPLIED MATERIALS ISRAEL, LTD.** [IL/IL]; 8 Oppenheimer Street, 76236 Rehovot (IL).

- (72) **PETROV, Igor**; Keren Hayasod Street, 18/16, 58483 Holon (IL). **ROSENBERG, Zvika**; Hashikma 1, Mevaseret, Jerusalem (IL).

- (74) **FAHMI, Tarek**; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, Seventh 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/72, 21/71

(11) WO 03/095998 (13) A1

(21) PCT/BG02/00012

(22) 26 Jun/juin 2002 (26.06.2002)

(25) en (26) en

(30) 106672 7 May/mai 2002 BG (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR DETECTING AND IDENTIFICATION OF HAZARDOUS SUBSTANCE

• PROCEDE DE DETECTION ET D'IDENTIFICATION D'UNE SUBSTANCE DANGEREUSE

- (71) **NAYDENOV, Jordan, Gueorguiev** [BG/BG]; Blvd. Maritza No2, entr.11, app.44, 4000 Plovdiv (BG).

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- (71, 72) **DINEFF, Peter, Donchev** [BG/BG]; h.k.Mladost 1, Bl.102, entr.M, app.208, 1797

Sofia (BG). **STEFANOV, George, Stoyanov** [BG/BG]; h.k.Mladost 4, Bl.428, entr.5, app.135, 1715 Sofia (BG).

- (74) **NEYKOV, Neyko, Hristov**; 58, Vorino Str., app.2, 1680 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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LT LU LV MA MD MK MN MW MX MZ NO NZ PH PL PT RO RU SE SG SI SK TJ TM TN TR TT 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 G01N 27/02, 27/12, 27/22

(11) WO 03/095999 (13) A2

(21) PCT/DE02/04207

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 102 21 084.5 11 May/mai 2002 DE (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SENSOR ASSEMBLY FOR MEASURING A GAS CONCENTRATION

• DISPOSITIF CAPTEUR DESTINE A LA MESURE D'UNE CONCENTRATION DE GAZ

- (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) **WEBER, Heribert** [DE/DE]; Im Hoefle 28, 72622 Nuertingen (DE). **KRUMMEL, Christian** [DE/DE]; Karlstr. 11, 72138 Kirchentellinsfurt (DE).

- (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 G01N 27/16, H01M 8/04

(11) WO 03/096000 (13) A1

(21) PCT/JP03/05897

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-137649 13 May/mai 2002 JP (13.05.2002)

(30) 2002-374086 25 Dec/déc 2002 JP (25.12.2002)

(30) 2003-70227 14 Mar/mar 2003 JP (14.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR DIAGNOSING DETERIORATION OF GAS SENSOR AND EQUIPMENT FOR DIAGNOSING DETERIORATION OF GAS SENSOR

• METHODE DE DIAGNOSTIC DE LA DETERIORATION D'UN CAPTEUR

DE GAZ ET EQUIPEMENT POUR LE
DIAGNOSTIC DE LA DETERIORA-
TION DE GAZ

- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SASAKI, Takashi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **ABE, Hiroyuki** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **EGUCHI, Tsuyoshi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **KOJIMA, Yasushi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **SAITO, Takashi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **SUZUKI, Akihiro** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

- (74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 27/16

(11) WO 03/096001 (13) A1

(21) PCT/JP03/05898

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-139094 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • HEATER-CONTAINED GAS SENSOR OPERATION STARTING METHOD AND OPERATION STOPPING METHOD, AND OPERATING METHOD

- PROCÉDES DE DEMARRAGE ET D'ARRÊT DE FONCTIONNEMENT DE CAPTEUR DE GAZ ENFERME DANS UN APPAREIL DE CHAUFFAGE ET METHODE DE FONCTIONNEMENT

- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SASAKI, Takashi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **ABE, Hiroyuki** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **EGUCHI, Tsuyoshi** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **SUZUKI, Akihiro** [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

- (74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(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 G01N 27/30, 27/416, 33/483, C12M 1/34, C12Q 1/02

(11) WO 03/096002 (13) A1

(21) PCT/JP03/05735

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002/137819 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • INSTRUMENT AND METHOD FOR MEASURING ACTION SIGNAL OF BIOLOGICAL SAMPLE
• INSTRUMENT ET PROCEDE DE MESURE DU SIGNAL D'ACTION D'UN ECHANTILLON BIOLOGIQUE

- (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) **OKA, Hiroaki** [JP/JP]; Hirakata Garden Hills 913, 3-10, Nakamiyakitamachi, Hirakata-shi, Osaka 573-1194 (JP). **OZAKI, Nobuhiko** [JP/JP]; 342-6, Aoyamada, Ikoma-shi, Nara 630-0239 (JP). **SUGIHARA, Hirokazu** [JP/JP]; 1-10-630, Ikuno, Katano-shi, Osaka 576-0054 (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 G01N 27/327, C12Q 1/00

(11) WO 03/096003 (13) A1

(21) PCT/EP03/04832

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 21 435.2 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ENZYME ELECTRODE ARRAY AND BIOSENSOR ARRAY
• SYSTEME D'ELECTRODE A ENZYMES ET SYSTEME DE BIOCAPTEUR

- (71, 72) **MOSER, Isabella** [AT/DE]; Hebelstrasse 6, 79356 Eichstetten (DE).

(72, 75) **URBAN, Gerald, A.** [AT/DE]; Kartaeuserstrasse 118, 79104 Freiburg (DE). **ZACHAROPOULOU, Anastasia** [GR/GR]; 21 Voulgari Street, GR-185 33 Pireas (GR). **PETROU, Panagioti, S.** [GR/GR]; Varnavas Attikis, GR-190 14 Kapandriti (GR).

- (74) **HOCK, Joachim**; 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 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 G01N 27/407

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(21) PCT/DE03/01517

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 21 382.8 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SENSOR FOR AN ELECTROCHEMICAL DETECTING ELEMENT
• CAPTEUR POUR DISPOSITIF DE MESURE ELECTROCHIMIQUE

- (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) **DIEHL, Lothar** [DE/DE]; Panoramastr. 73/2, 70839 Gerlingen (DE).

(74) **ROBERT BOSCH GMBH**; Postfach 30 02 20, 70442 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).

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(51)⁷ G01N 27/419

(11) WO 03/096005 (13) A1

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(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 21 392.5 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DEVICE AND METHOD FOR MEASURING GAS CONCENTRATION
• DISPOSITIF ET PROCEDE DE MESURE D'UNE CONCENTRATION DE GAZ AU MOYEN D'UNE POMPE A IONS OXYGENE A ELECTROLYTE SOLIDE

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REITMEIER, Torsten** [DE/DE]; Hauptstr. 2, 92442 Wackersdorf (DE).
WALDE, Tim [DE/DE]; Bayerwaldstr. 33, 93059 Regensburg (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 **G01N 29/00**
- (11) **WO 03/096006** (13) A2
- (21) PCT/US03/14515
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 10/143,206 **10 May/mai 2002 US (10.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **ULTRASOUND IMAGING SYSTEM AND METHOD USING NON-LINEAR POST-BEAMFORMING FILTER**
• **SYSTEME ET PROCEDE D'IMAGERIE A ULTRASONS UTILISANT UN FILTRE NON LINEAIRE DE POST FORMATION DE FAISCEAU**
- (71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [—/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (US).
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- (72, 75) **EBBINI, Emad, S.** [JO/US]; 6633 Southcrest Drive, Edina, MN 55435 (US). **PHUKPATTARANONT, Pornchai** [TH/US]; 906 Fulton Street SE #2, Minneapolis, MN 55414 (US).
- (74) **GEBHARDT, Mark, J.**; Muetting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 29/12, G01M 7/08, G01N 21/88, G01B 17/02**
- (11) **WO 03/096007** (13) A1
- (21) PCT/JP03/04587
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) ja (26) ja
- (30) 2002-133022 **8 May/mai 2002 JP (08.05.2002)**
- (30) 2002-299179 **11 Oct/oct 2002 JP (11.10.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **METHOD AND EQUIPMENT FOR INSPECTING REINFORCED CONCRETE PIPE**
• **PROCEDE ET EQUIPEMENT DESTINES A INSPECTER UNE CONDUITE EN BETON ARME**
- (71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 2-4-4, Nishitemma, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOZAKI, Yoshiharu** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP). **MINAGI, Takushi** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP).
- (74) **SUGIMOTO, Katsunori**; Nisshin Building, 14-22, Shitennoji 1-chome, Tennoji-ku, Osaka-shi, Osaka 543-0051 (JP).
- (81) AU CA 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 **G01N 30/00, 31/20, 33/53, 33/48, 37/00, 35/02**
- (11) **WO 03/096008** (13) A1
- (21) PCT/JP02/04458
- (22) **8 May/mai 2002 (08.05.2002)**
- (25) ja (26) ja
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **CHEMICAL ANALYZER AND GENE DIAGNOSING APPARATUS**
• **ANALYSEUR CHIMIQUE ET APPAREIL DE DIAGNOSTIC GENIQUE**
- (71) **HITACHI HIGH-TECHNOLOGIES CORPORATION** [JP/JP]; 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MIYAHARA, Yuji** [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP).
- (72, 75) **NAGAOKA, Yoshihiro** [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **WATANABE, Naruo** [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **TAKENAKA, Kei** [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **OHASHI, Tomoki** [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
- (74) **HIRAKI, Yusuke**; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN JP KR 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 **G01N 33/18**
- (11) **WO 03/096009** (13) A2
- (21) PCT/IL03/00377
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 10/145,797 **14 May/mai 2002 US (14.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **FLUID TESTER**
• **TESTEUR DE FLUIDES**
- (71, 72) **MAROM ALBECK, Orit** [IL/IL]; 34 Kisufim Street, 69355 Tel Aviv (IL).
- (74) **AGMON, Jonathan et al.** / etc.; Soroker-Agmon, Advocates and Patent Attorneys, Levinstein Tower, 12th floor, 23 Petach Tikva Road, 66184 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).
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- (51)⁷ **G01N 33/18, 27/30, 27/416, C02F 3/12**
- (11) **WO 03/096010** (13) A1
- (21) PCT/JP03/05645
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) ja (26) ja
- (30) 2002-134254 **9 May/mai 2002 JP (09.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **METHOD OF MEASURING ACTIVATED SLUDGE INHIBITOR, MONITOR FOR ACTIVATED SLUDGE INHIBITOR USING THE MEASURING METHOD, METHOD OF TREATING WASTEWATER AND WASTEWATER TREATING APPARATUS**
• **TECHNIQUE DE MESURE D'UN INHIBITEUR DE BOUES ACTIVE, CONTROLE DE CET INHIBITEUR A L'AIDE DE CETTE MESURE, PROCEDE ET APPAREIL DE TRAITEMENT D'EAUX USEES**
- (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) **ISODA, Yoshiharu** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **AMIMOTO,**

Tadao [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **MATUO, Teruaki** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **MURAKAMI, Goshi** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

(74) **NOGAWA, Shintaro**; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (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 G01N 33/24, 27/00, 25/08

(11) WO 03/096011 (13) A1

(21) PCT/US03/06064

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 60/379,300 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTINUOUS ON-LINE PROCESS CONTROL OF RESIDUA DISTILLATION

• CONTROLE CONTINU EN LIGNE DE PROCEDE DE DISTILLATION DE RESIDUS

(71) THE UNIVERSITY OF WYOMING RESEARCH CORPORATION dba WESTERN INSTITUTE [US/US]; 365 North 9th Street, Laramie, WY 82072-3380 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROVANI, Joseph, F., Jr.** [US/US]; 5635 Sunset Drive, Laramie, WY 82070 (US). **SCHABRON, John, F.** [US/US]; 1805 Arnold Street, Laramie, WY 82070 (US). **TURNER, Thomas, F.** [US/US]; 507 Grant Street, Laramie, WY 82070 (US).

(74) **MILES, Craig, R.**; Santangelo Law Offices, P.C., 3rd Floor, 125 South Howes, Fort Collins, CO 80521 (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 (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 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 VN YU ZA ZM ZW.

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

(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 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)

(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 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 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 G01N 33/49

(11) WO 03/096012 (13) A1

(21) PCT/DE03/01491

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 21 054.3 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR INVESTIGATING THE THROMBOCYTE FUNCTION OF THE BLOOD

• PROCEDE POUR ANALYSER LA FONCTION PLAQUETTAIRE DU SANG

(71, 72) **KRATZER, Michael** [DE/DE]; Amalienstrasse 87, 80799 München (DE).

(74) **HAFT, V. PUTTKAMER, BERNGRUBER, CZYBULKA, KARAKATSANIS**; Franziskanerstr. 38, 81669 München (DE).

(81) IL 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 G01N 33/49

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(25) ru (26) ru

(30) 2002112453 14 May/mai 2002 RU (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DIAGNOSING MALIGNANT NEOPLASMS
• PROCEDE DE DIAGNOSTIC DE NEOPLASIES MALIGNES

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

(71, 72) **SHATOKHINA, Svetlana Nikolaevna** [RU/RU]; ul. Kominterna, 7-6, Moscow, 129327 (RU). **SHABALIN, Vladimir Nikolaevich** [RU/RU]; ul. B. Galushkina, 3-1-21, Moscow, 129301 (RU).

(74) **OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "SOJUZ-PATENT"**; ul. Iliinka, 5/2, Moscow, 103735 (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 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 33/53

(11) WO 03/096014 (13) A2

(21) PCT/IL03/00369

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,410 8 May/mai 2002 US (08.05.2002)

(30) 60/436,005 26 Dec/déc 2002 US (26.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DETERMINATION OF AN ANALYTE IN A LIQUID MEDIUM

• DETERMINATION D'UN ANALYTE DANS UN SUPPORT LIQUIDE

(71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL).

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(72, 75) **WILLNER, Itamar** [IL/IL]; 12 Hashalom Street, 90805 Mevasseret Zion (IL). **KATZ, Eugenii** [IL/IL]; Neve Yaakov 121 Apt.16, 97350 Jerusalem (IL). **WEIZMANN, Yossi** [IL/IL]; Moshav Givat Yoav, 12946 DN Ramat HaGolan (IL). **PATOLSKY, Fernando** [IL/IL]; 8/3 Mera Street, Ramat Beit HaKerem, 96343 Jerusalem (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 33/53, 33/543, C12N 15/00, C12M
1/00
- (11) WO 03/096015 (13) A1
- (21) PCT/JP03/05689
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-133284 8 May/mai 2002 JP
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BIOMOLECULAR SUBSTRATE,
METHOD OF TESTING OR DIAG-
NOSIS WITH USE THEREOF AND
APPARATUS THEREFOR
- SUBSTRAT BIOMOLECULAIRE,
MASSE MOLECULAIRE D'ESSAI
OU DE DIAGNOSTIC UTILISANT CE
SUBSTRAT, ET APPAREIL S'Y RAP-
PORTANT
- (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) OSHIMA, Mitsuaki [JP/JP]; 115-3,
Katsura Minami Tatsumi-cho, Nishikyo-ku,
Kyoto-shi, Kyoto 615-8074 (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 KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, C12Q 1/68, G01N 33/543
- (11) WO 03/096016 (13) A1
- (21) PCT/SE03/00762
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 0201468-6 13 May/mai 2002 SE
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POLYELECTROLYTE COMPLEX
(E.G. ZWITTERIONIC POLYTHIO-
PHENES) WITH A RECEPTOR (E.G.
POLYNUCLEOTIDE, ANTIBODY
ETC.) FOR BIOSENSOR APPLICA-
TIONS
- COMPLEXE POLYELECTROLYTIQUE
(PAR EX. POLYTHIOPHENES ZWIT-
TERIONIQUES) COMPRENANT UN
RECEPTEUR (PAR EX. POLYNU-
CLEOTIDE, ANTICORPS, ETC.) POUR
APPLICATION DANS LE DOMAINE
DES BIODETECTEURS
- (71, 72) INGANÄS, Olle [SE/SE]; Wernersgatan
13, S-582 46 Linköping (SE). ÅSBERG, Pe-
ter [SE/SE]; Syrengatan 5A, 582 46 Linkö-
ping (SE). NILSSON, Peter [SE/SE]; Åby-
lundsgatan 52, S-582 31 Linköping (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ
AB; P O 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 G01N 33/53, A61K 38/00, 45/00, 39/385,
39/09, 39/02, A01N 43/40, 25/00
- (11) WO 03/096017 (13) A1
- (21) PCT/US02/36206
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 10/141,508 7 May/mai 2002 US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS AND COMPOSITIONS FOR
INDUCING AN IMMUNE RESPONSE
- METHODES ET COMPOSITIONS DES-
TINEES A INDUIRE UNE REPOSE
IMMUNITAIRE
- (71) CHEMOCENTRYX, INC. [US/US]; 1539
Industrial Road, San Carlos, CA 94070 (US).
- (72) SCHALL, Thomas, J.; 2050 Mills Avenue,
Menlo Park, CA 94025 (US). MIAO, Zhen-
hua; 7070 Rainbow Drive, #2, San Jose,
CA 95129 (US). BERAHOVICH, Robert;
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WEI, Zheng; 75 Duane Street, Apt. 14,
Redwood City, CA 94062 (US). HOWARD,
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Hills, CA 94022 (US). PREMACK, Brett;
409 Portofino Drive, Apt. #2, San Carlos, CA
94070 (US).
- (74) BUCHANAN, J., Matthew; 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 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 G01N 33/574
- (11) WO 03/096019 (13) A1
- (21) PCT/EP03/04727
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 02291166.3 7 May/mai 2002 EP
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A NOVEL BIOLOGICAL CANCER
MARKER AND METHODS FOR DE-
TERMINING THE CANCEROUS OR
NON-CANCEROUS PHENOTYPE OF
CELLS

- NOUVEAU MARQUEUR BIOLOGIQUE CANCEREUX ET PROCEDES DE DETERMINATION DU PHENOTYPE CELLULAIRE CANCEREUX OU NON CANCEREUX

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).

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(72, 75) ROUX, Pierre [FR/FR]; 700, rue des Erables, F-34980 Saint Gely du Fesc (FR). GADEA, Gilles [FR/FR]; Résidence La Domitienne, 335, rue du Triolet, F-34000 Montpellier (FR).

(74) MICHELET, Alain et al. / etc.; Cabinet Harlé et Phélip, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 G01N 33/68, A61K 38/19, C12Q 1/68

(11) WO 03/096020 (13) A2

(21) PCT/EP03/04496

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 02010147.3 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH CHEMOKINE RECEPTOR 8 (CCR8)

- DIAGNOSTIC ET TRAITEMENT DE MALADIES LIEES AU RECEPTEUR 8 DES CHIMIOKINES (CCR8)

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

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(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGEMEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01N 33/68

(11) WO 03/096021 (13) A1

(21) PCT/EP03/04878

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 20 804.2 10 May/mai 2002 DE (10.05.2002)

(30) 02010555.7 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOLID-PHASE ASSISTED SPECTROSCOPIC AND SPECTROMETRIC ANALYSIS OF COMPLEX BIOPOLYMER MIXTURES

- ANALYSE SPECTROSCOPIQUE ET SPECTROMETRIQUE DE MELANGES BIOLOGIQUES COMPLEXES ASSISTEE PAR DES PHASES SOLIDES

(71) PROTEOME FACTORY AG [DE/DE]; Dorotheenstrasse 94, 10117 Berlin (DE).

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(72, 75) SCHELER, Christian [DE/DE]; Tel-tower Damm 227B, 14167 Berlin (DE). ESSMANN, Frank [DE/DE]; Finnländische Strasse 12, 10439 Berlin (DE). THIES, Sascha [DE/DE]; Germaniast. 162, 12099 Berlin (DE).

(74) HELBING, Jörg et al. / etc.; Patentanwälte, Von Kreislser Selting Werner, 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).

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(51)⁷ G01N 33/68

(11) WO 03/096022 (13) A2

(21) PCT/EP03/05453

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02291170.5 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF SCREENING OF PP1-INTERACTING POLYPEPTIDES OR PROTEINS, PEPTIDES INHIBITING PP1c BINDING TO Bcl-2 PROTEINS, BCL-X_L AND BCL-W, AND USES THEREOF

- PROCEDES DE CRIBLAGE DE POLYPEPTIDES OU PROTEINES INTERAGISSANT AVEC PP1, DE PEPTIDES INHIBANT LA LIAISON DE PP1c A DES PROTEINES BCL-2, BCL-X<SB>L</SB> ET BCL-W, ET UTILISATIONS ASSOCIEES

(71) INSTITUT PASTEUR [FR/FR]; 25-28 rue du Docteur Roux, F-75724 Paris Cédex 15 (FR).

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(72, 75) GARCIA, Alphonse [FR/FR]; 22, rue Cauchy, F-75015 Paris (FR). CAYLA, Xavier [FR/FR]; 11 rue Raphaël L. Pouan, F-37210 Rochecorbon (FR). REBOLLO, Angelita [ES/FR]; 21, square Jean Thébaud, F-75015 Paris (FR).

(74) ERNEST GUTMANN-YVES PLASSER-AUD S.A. et al. / etc.; 3, rue Chauveau-Lagarde, 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 G01N 33/68, C11D 1/00

(11) WO 03/096023 (13) A1

(21) PCT/GB03/01951

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 0210365.3 7 May/mai 2002 GB (07.05.2002)

(30) 0210497.4 8 May/mai 2002 GB (08.05.2002)

(30) 0210747.2 10 May/mai 2002 GB (10.05.2002)

(30) 0211116.9 15 May/mai 2002 GB (15.05.2002)

(30) 0211220.9 16 May/mai 2002 GB (16.05.2002)

(30) 0211889.1 23 May/mai 2002 GB (23.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SARCOSYL BUFFER AND ITS USE FOR THE PURIFICATION OF PRION PROTEIN

• SOLUTION TAMPON SARCOSYL ET UTILISATION ASSOCIEE POUR LA PURIFICATION DE LA PROTEINE PRION

(71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).

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(72, 75) JACKSON, Graham, Stuart [GB/GB]; MRC Prion Unit, Institute of Neurology, National Hospital, Queen Square, London WC1 3BG (GB). COLLINGE, John [GB/GB]; MRC Prion Unit, Institute of Neurology, National Hospital, Queen Square, London WC1N 3BG (GB). WADSWORTH, Jonathan, D., F. [GB/GB]; MRC Prion Unit, Institute of Neurology, National Hospital, Queen Square, London WC1 3BG (GB). CLARKE, Anthony, Russel [GB/GB]; Department of Biochemistry, University of Bristol, School of Medical Science, University Walk, Clifton, Bristol BS8 1TD (GB). HAWKE, Simon [GB/GB]; Department of Neurogenetic, Imperial College, Norfolk Place, London W2 1PG (GB).

(74) HARDING, Charles, Thomas 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 G01N 33/74, C07K 14/72, A61K 38/00

(11) WO 03/096024 (13) A1

(21) PCT/EP03/04303

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 02010111.9 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH VASOACTIVE INTESTINAL PEPTIDE RECEPTOR 2 (VPAC2)

• DIAGNOSTICS ET TRAITEMENTS POUR MALADIES ASSOCIEES AU RECEPTEUR 2 DU PEPTIDE INTESTINAL VASOACTIF (VPAC2)

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

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

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45329 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 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 33/74, C07K 14/72, A61K 38/00

(11) WO 03/096025 (13) A1

(21) PCT/EP03/04596

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 02010164.8 14 May/mai 2002 EP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN COUPLED RECEPTOR 4 (GPR4)

• DIAGNOSTICS ET THERAPEUTIQUES DE MALADIES ASSOCIEES AU RECEPTEUR 4 COUPLE AUX PROTEINES G (GPR4)

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

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

(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).

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 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 35/00, 1/24, B01D 5/00

(11) WO 03/096026 (13) A1

(21) PCT/EP03/04957

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 20 705.4 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR THE CHEMICAL OR BIOCHEMICAL ANALYSIS OF SAMPLES OR REAGENTS USING WATER AS A SOLVENT

• DISPOSITIF D'ANALYSE CHIMIQUE OU BIOCHIMIQUE D'ECHANTILLONS OU DE REACTIFS PAR UTILISATION D'EAU EN TANT QUE SOLVANT

(71) ABB PATENT GMBH [DE/DE]; Wallstadter Str. 59, 68526 Ladenburg (DE).

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

(72, 75) VOGEL, Albrecht [DE/DE]; Märchenstrasse 32b, 76297 Stutensee (DE). KRIPPNER, Peter Dr.-Ing. [DE/DE]; Hauffstrasse 2, 76199 Karlsruhe (DE). WETZKO, Manfred Dr. [DE/DE]; Birkenweg 5, 69259 Wilhelmsfeld (DE). SCHMIDT, Christian, J., Dr. [DE/DE]; Bahnhofstrasse 43, 69115 Heidelberg (DE). RUZZU, Antonio Dr.-Ing. [DE/DE]; Karlsburgstrasse 9, 76227 Karlsruhe (DE). MERTE, Rolf [DE/DE]; Weiterhäuserstrasse 14, 35041 Marburg (DE).

(74) SCHMIDT, Karl-Michael; c/o ABB Patent GmbH, PAT 6, Oberhausenerstrasse 33, 40472 Ratingen (DE).

(81) CA JP KP 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).

(51)⁷ G01N 35/02, 27/333, 21/25, 35/08, 33/18

(11) WO 03/096027 (13) A1

(21) PCT/EP03/04734

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 829.8 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR ANALYZING A TEST SAMPLE AND FOR PROVIDING CORRESPONDING ANALYSIS DATA

• DISPOSITIF POUR ANALYSER UN ECHANTILLON A MESURER ET POUR PREPARER DES DONNEES D'ANALYSE CORRESPONDANTES

(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) BABEL, Wolfgang [DE/DE]; Lindenhof 19, 71263 Weil der Stadt (DE). STEINMÜLLER, Dirk [DE/DE]; Stettinerstrasse 21, 76139 Karlsruhe (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).

Published / Publiée : (c)

(51)⁷ G01P

(11) WO 03/096028 (13) A2

(21) PCT/US03/14022

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/380,049 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR IDENTIFYING LIVE EGGS BY DETECTING EMBRYO HEART RATE AND/OR MOTION

• PROCEDES ET APPAREIL PERMETTANT D'IDENTIFIER DES OEUF VIVANTS PAR DETECTION DE LA FREQUENCE CARDIAQUE ET/OU D'UN MOUVEMENT D'UN EMBRYON

(71) EMBREX, INC. [US/US]; Post Office Box 13989, Research Triangle Park, NC 27709-3989 (US).

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

(72, 75) HEBRANK, John, H. [US/US]; 216 Jefferson Drive, Durham, NC 27712 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096029 (13) A2

(21) PCT/IB03/01494

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076813.1 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A MAGNETIC RESONANCE IMAGING (MRI) SYSTEM COMPRISING ACOUSTIC RESONATORS

• SYSTEME D'IMAGERIE PAR RESONANCE MAGNETIQUE EQUIPE DE RESONATEURS ACOUSTIQUES

(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) ROOZEN, Nicolaas, B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LA GRANGE, Martijn, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HARVEY, Paul, R. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LIMPENS, Patrick, W., P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAM, Cornelis, L., G. [NL/NL]; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096030 (13) A2

(21) PCT/IB03/01797

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02/3792 13 May/mai 2002 ZA
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF DISCHARGING SPHERICAL ELEMENTS FROM A CONTAINER AND A DISPENSING APPARATUS

• PROCEDE PERMETTANT DE DECHARGER DES ELEMENTS SPHERIQUES D'UN CONTENANT ET APPAREIL DE DISTRIBUTION

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Lake Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 Centurion (ZA).

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

(72, 75) CURTOLO, Frank [ZA/ZA]; 53 Van der Stel Street, Mostertsdrif, 7600 Stellenbosch (ZA). EKSTEEN, Nicolaas, Cornelius [ZA/ZA]; 17 Koggelaar Street, Rooihuiskraal, 0154 Centurion (ZA).

(74) MACKENZIE, Colin; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096031 (13) A2

(21) PCT/US03/06893

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 60/361,981 5 Mar/mar 2002 US
(05.03.2002)(30) 60/362,103 5 Mar/mar 2002 US
(05.03.2002)(30) 60/362,161 5 Mar/mar 2002 US
(05.03.2002)(30) 60/362,162 5 Mar/mar 2002 US
(05.03.2002)(30) 60/362,170 5 Mar/mar 2002 US
(05.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VOICE ACTIVITY DETECTION (VAD) DEVICES AND METHODS FOR USE WITH NOISE SUPPRESSION SYSTEMS

• DISPOSITIFS DE DETECTION D'ACTIVITE VOCALE ET PROCEDE D'UTILISATION DE CES DERNIERS AVEC

DES SYSTEMES DE SUPPRESSION DE
BRUIT

(71) ALIPHCOM [US/US]; 410 Jesse Street, Unit 601, San Francisco, CA 94103 (US).

(72) BURNETT, Gregory, C.; 675 South H Street, Livermore, CA 94550 (US). PE-TIT, Nicolas, J.; 3300 Scott Street #207, San Francisco, CA 94123 (US). ASSEILY, Alexander, M.; 2538 Post Street, San Francisco, CA 94115 (US). EINUADI, Andrew, E.; 1570 Grove Street, San Francisco, CA 94117 (US).

(74) GREGORY, Richard, L., Jr.; Shemwell Gregory & Courtney LLP, 4880 Stevens Creek Blvd., Suite 201, San Jose, CA 95129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 19/00, G11C 7/00

(11) WO 03/096032 (13) A2

(21) PCT/US03/15210

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,838 8 May/mai 2002 US (08.05.2002)

(30) 10/397,452 26 Mar/mar 2003 US (26.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CURRENT SOURCE EVALUATION SENSE-AMPLIFIER

• AMPLIFICATEUR DE DETECTION POUR L'EVALUATION DE LA SOURCE DE COURANT

(71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; Office of Technology Licensing, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) WIJETUNGA, Panduka; 2611 Portland Street, Apt. 303, Los Angeles, CA 90007 (US). LEVI, Anthony; 517 Alta Vista Avenue, South Pasadena, CA 91030 (US).

(74) BROWN, Marc, E. et al. / etc.; McDermott, Will & Emery, 2049 Century Park East, Suite 3400, 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 G01R 19/25, 31/00, 31/28

(11) WO 03/096033 (13) A1

(21) PCT/GB03/01954

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 0210450.3 7 May/mai 2002 GB (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TEST APPARATUS

• DISPOSITIF DE TEST

(71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ALDER, Michael, John [GB/GB]; Warton Aerodrome, Preston, Lancashire PR4 1AZ (GB).

(74) HIBBERT, Juliet, Jane, Grace 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01R 31/00

(11) WO 03/096034 (13) A2

(21) PCT/US03/14726

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,341 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TESTER SYSTEM HAVING MULTIPLE INSTRUCTION MEMORIES

• SYSTEME DE TEST COMPRENANT PLUSIEURS MEMOIRES D'INSTRUCTION

(63) US 60/379,341 (CIP)
8 May/mai 2002 (08.05.2002)(71) NPTEST, INC. [US/US]; 150 Baytech Drive, San Jose, CA 95134 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CULLEN, Jamie, S. [AU/US]; 1247 Lakeside Drive #2040, Sunnyvale, CA 94085 (US). SAKAITANI, Kris [US/US]; 3683 Satinwood Drive, San Jose, CA 95148 (US).

(74) TROESCH, Hans, R. et al. / etc.; Fish & Richardson, P.C., Suite 500, 500 Arguello Street, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/02, H01R 12/00, H01L 21/44, 21/60

(11) WO 03/096035 (13) A1

(21) PCT/US03/14844

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/144,676 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROBE CARD FOR TESTING INTEGRATED CIRCUITS

• CARTE SONDE PERMETTANT DE CONTROLER DES CIRCUITS INTEGRÉS

(71) CYPRESS SEMICONDUCTOR CORPORATION [US/US]; 3939 North First Street, San Jose, CA 95134 (US).

(72) NULTY, James, E.; 1037 Lenor Way, San Jose, CA 95128 (US). BROPHY, Brenor, L.; 3677 Sidney Court, San Jose, CA 95132 (US). McCLEARY, Thomas, A.; 171 Escobar Avenue, Los Gatos, CA 95032 (US). JIN, Bo; 1104 Linda Drive, Campbell, CA 95008 (US). GU, Qi; 2636 Sunnycrest Court, Fremont, CA 94539 (US). RODGERS, Thurman, J.; 575 Eastview Way, Woodside, CA 94062 (US). TORODE, John, O.; 3135 Fairweather Place, Hunts Point, WA 98004 (US).

(74) BENEDICTO, Patirck, D.; OKAMOTO & BENEDICTO LLP, P.O. Box 641330, San Jose, CA 95164-1330 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 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 G01R 31/08, H04L 12/42, H04J 3/24

(11) WO 03/096036 (13) A1

(21) PCT/US03/12959

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 60/379,374 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SINGLE-WIRE COMMUNICATION BUS FOR MINIATURE LOW-POWER SYSTEMS

• BUS DE COMMUNICATION UNIFILAIRE POUR SYSTEMES MINIATURE DE FAIBLE PUISSANCE

(71) SEMTECH CORPORATION [US/US]; 200 Flynn Road, Camarillo, CA 93012-8790 (US).

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

(72, 75) HEJDEMAN, Carl [GB/GB]; 4 The Greenaways, Oakley, Basingstoke, Hampshire RG23 7JF (GB). MARTEN, Victor [US/US]; 169-15 35th Avenue, Flushing, NY 11358 (US). MCKNIGHT, Andrew [GB/GB]; 33 Mayfair Gardens, Southampton, Hampshire SO15 2TW (GB).

(74) OPPEDAHN, Carl; Oppedahl & Larson LLP, P O Box 5068, Dillon, CO 80435-5068 (US).

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

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/28, 1/067

(11) WO 03/096037 (13) A1

(21) PCT/EP03/04468

(22) 29 Apr/avr 2003 (29.04.2003)

(25) de (26) de

(30) 102 20 343.1 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR TESTING PRINTED CIRCUIT BOARDS, AND TESTING PROBE FOR SAID DEVICE AND METHOD

• PROCEDE ET DISPOSITIF POUR TESTER DES CARTES DE CIRCUITS IMPRIMES ET SONDE DE TEST ASSOCIEE

(71) ATG TEST SYSTEMS GMBH & CO. KG [DE/DE]; Reicholzheim, Zum Schlag 3, 97877 Wertheim (DE).

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

(72, 75) ROTH AUG, Uwe [DE/DE]; Geschwister Scholl Ring 15, 97828 Marktheidenfeld (DE). YUSUK, Oleh [UA/DE]; Zum Schlag 2, 97877 Wertheim-Reicholzheim (DE).

(74) GANAHL, Bernhard et al. / etc.; Reinhardt Söllner Ganahl, Hausen 5b, 85551 Kirchheim 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 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 31/28

(11) WO 03/096038 (13) A1

(21) PCT/US03/11787

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 10/139,294 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TEST ACCESS CIRCUIT AND METHOD OF ACCESSING EMBEDDED TEST CONTROLLERS IN AN INTEGRATED CIRCUIT

• CIRCUIT D'ACCES D'ESSAI ET PROCEDE D'ACCES A DES DISPOSITIFS

DE COMMANDE D'ESSAI INTEGRES DANS UN CIRCUIT INTEGRE

(71) LOGICVISION, INC. [US/US]; 101 Metro Drive, Third Floor, San Jose, CA 95110 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CÔTÉ, Jean-François [CA/CA]; 57 Juniper Street, Chelsea, Quebec J9B 1T3 (CA). NADEAU-DOSTIE, Benoit [CA/CA]; 17 Croissant de la Paix, Aylmer, Quebec J9H 3X7 (CA).

(74) PROULX, Eugene, E.; LogicVision (Canada), Inc., 1525 Carling Avenue, Suite 404, Ottawa, Ontario K1Z 8R9 (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 G01R 31/319, 31/3181, 31/3183, G11C 29/00

(11) WO 03/096039 (13) A1

(21) PCT/US03/14891

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,355 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TESTER SYSTEM HAVING A MULTIPURPOSE MEMORY

• SYSTEME DE TESTEUR A MEMOIRE MULTIFONCTIONNELLE

(63) US 60/379,355 (CIP) 8 May/mai 2002 (08.05.2002)

(71) NPTEST, INC. [US/US]; 150 Baytech Drive, San Jose, CA 95134 (US).

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

(72, 75) CULLEN, Jamie, S. [AU/US]; 1247 Lakeside Drive #2040, Sunnyvale, CA 94085 (US). WEST, Burnell, G. [US/US]; 212 Valdez Avenue, Half Moon Bay, CA 94019 (US).

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

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

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 31/36

(11) WO 03/096040 (13) A1

(21) PCT/JP03/05544

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-139167 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BATTERY CAPACITY CALCULATION
METHOD

• PROCEDE DE CALCUL DE CAPACITE
DE BATTERIE

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

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les États désignés sauf US)

(72, 75) YAMAZAKI, Kazuo [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
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c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). TOMITA, Takashi [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP). IKEDA, Tamon
[JP/JP]; c/o SONY CORPORATION, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP). NAWA, Ryuichi
[JP/JP]; c/o SONY CORPORATION, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP). ISHIKAWA, Yu-
uichi [JP/JP]; c/o KANSAI RESEARCH
INSTITUTE, INC., 4-1-2, Hiranomachi,
Chuo-ku, Osakashi., Osaka 541-0046 (JP).
HORI, Masanori [JP/JP]; c/o KANSAI
RESEARCH INSTITUTE, INC., 4-1-2,
Hiranomachi, Chuo-ku, Osakashi., Osaka
541-0046 (JP).

(74) KOIKE, Akira et al. / etc., 11th 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 G01R 33/28, 33/48, H01Q 7/00

(11) WO 03/096041 (13) A1

(21) PCT/AU03/00563

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) PS 2247 10 May/mai 2002 AU
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRANSMIT - RECEIVE COIL SYS-
TEM FOR NUCLEAR QUADRUPOLE
RESONANCE SIGNAL DETECTION IN
SUBSTANCES AND COMPONENTS
THEREOF

• SYSTEME D'ENROULEMENT
D'EMISSION-RECEPTION POUR DE-
TECTER DES SIGNAUX PAR RE-
SONANCE QUADRIPOLAIRE NU-
CLEAIRE DANS DES SUBSTANCES,
ET COMPOSANTES DE CE SYSTEME

(71) QRSCIENCES TECHNOLOGIES PTY
LTD [AU/AU]; 8-10 Hamilton Street, Can-
nington, Western Australia 6107 (AU).

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

(72, 75) RUDAKOV, Taras, Nikolaevitch
[AU/AU]; 7 Reen Street, Saint James, West-
ern Australia 6102 (AU). MIKHALTSE-
VITCH, Vassili, Timofeevitch [AU/AU];
15/1055 Albany Highway, St James, Western
Australia 6102 (AU). CHISHOLM, War-
rick, Paul [AU/AU]; 2A Bursaria Crescent,
Ferndale, Western Australia 6148 (AU).
FLEXMAN, John, Harold [AU/AU]; 11
Thomas Way, Kardinya, Western Australia
6163 (AU). HAYES, Peter, Alaric [AU/AU];
14 Ken Street, Wembley Downs, Western
Australia 6019 (AU).

(74) WRAY & ASSOCIATES; Level 4, The
Quadrant, 1 William Street, 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).

(51)⁷ G01R 33/385

(11) WO 03/096042 (13) A1

(21) PCT/DE03/01287

(22) 16 Apr/avr 2003 (16.04.2003)

(25) de (26) de

(30) 102 20 933.2 10 May/mai 2002 DE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REDUCTION OF THE SOUND EMIS-
SIONS OF THIN-WALLED COMPO-
NENTS IN MAGNETIC RESONANCE
DEVICES

• REDUCTION DE L'EMISSION SO-
NORE DE COMPOSANTS A PAROIS
MINCES DANS DES APPAREILS A
RESONANCE MAGNETIQUE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) DIETZ, Peter [DE/DE]; Dombühler Str.
10, 90449 Nürnberg (DE). ARZ, Winfried
[DE/DE]; Schnieglinger Str. 185, 90427
Nürnberg (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)

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 G01R 33/385

(11) WO 03/096043 (13) A1

(21) PCT/IB03/01765

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 02076815.6 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETIC RESONANCE IMAGING
APPARATUS WITH REDUCED NOISE
PRODUCTION

• APPAREIL D'IMAGERIE PAR RESO-
NANCE MAGNETIQUE A EMISSION
SONORE REDUITE

(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) HAM, Cornelis, L., G. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
ROOZEN, Nicolaas, B. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
LIMPENS, Patrick, W., P. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WOLFS, Marc, J., M.; 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 G01R 33/46

(11) WO 03/096044 (13) A2

(21) PCT/DE03/01473

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 21 158.2 13 May/mai 2002 DE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETECTING LIGANDS WHICH ARE BOUND TO A DRUG TARGET, USING HETERONUCLEAR MAGNETIC RESONANCE SPECTROSCOPY

• PROCEDE POUR DETECTER DES LIGANDS QUI SE LIENT A UN MEDICAMENT CIBLE, AU MOYEN DE LA SPECTROMETRIE A RESONANCE MAGNETIQUE HETERONUCLEAIRE

(71, 72) DIERCKS, Tamm o [DE/DE]; Goslarstr. 125A, 70499 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 RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G01R 33/561

(11) WO 03/096045 (13) A1

(21) PCT/IB03/01925

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02076846.1 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REDUCTION OF SUSCEPTIBILITY ARTIFACTS IN SUBENCODED SINGLE-SHOT MAGNETIC RESONANCE IMAGING

• REDUCTION D'ARTEFACTS DE RECEPTIVITE EN IMAGERIE PAR RESONANCE MAGNETIQUE A IMPULSION UNIQUE SOUS-CODEE

(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) JAERMANN, Thomas [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PRUESSMANN, Klaas, P. [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEIGER, Markus [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHMIDT, Conny, F. [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOESIGER, Peter [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COHEN, Julius, 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 G01R 33/561

(11) WO 03/096046 (13) A1

(21) PCT/IB03/01926

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02076845.3 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETIC RESONANCE IMAGING
• IMAGERIE PAR RÉSONANCE MAGNÉTIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) PRUESSMANN, Klaas, P. [DE/CH]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEIGER, Markus [DE/DE]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOESIGER, Peter [CH/CH]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COHEN, Julius, 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 G01R 33/561

(11) WO 03/096047 (13) A1

(21) PCT/IB03/01929

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 02076843.8 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRIOR-INFORMATION-ENHANCED DYNAMIC MAGNETIC RESONANCE IMAGING

• IMAGERIE PAR RESONANCE MAGNETIQUE DYNAMIQUE A INFORMATIONS PREALABLES RENFORCEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) TSAO, Jeffrey [CA/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PRUESSMANN, Klaas, P. [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOESIGER, Peter [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COHEN, Julius, 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 G01R 33/561

(11) WO 03/096048 (13) A1

(21) PCT/IB03/01956

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 02076842.0 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INHERENT LIMITATION OF THE REDUCTION FACTOR IN PARALLEL IMAGING AS A FUNCTION OF FIELD STRENGTH

• LIMITATION INHERENTE DU FACTEUR DE REDUCTION DANS UNE IMAGERIE PARALLELE EN TANT QUE FONCTION DE L'INTENSITE DE CHAMP

(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) **WIESINGER, Florian** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PRUESSMANN, Klaas, P.** [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOESIGER, Peter** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octroibureau 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 **G01R 33/561**

(11) **WO 03/096049** (13) A1

(21) PCT/IB03/01975

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 02076844.6 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MAGNETIC RESONANCE IMAGING METHOD WITH ACCELERATED DATA ACQUISITION**

• **PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE A ACQUISITION ACCELEREE 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) **TSAO, Jeffrey** [CA/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PRUESSMANN, Klaas, P.** [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOESIGER, Peter** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octroibureau 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 **G01R 33/561**

(11) **WO 03/096050** (13) A1

(21) PCT/IB03/01987

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 02076839.6 **13 May/mai 2002 EP (13.05.2002)**

(30) 02076840.4 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MAGNETIC RESONANCE IMAGING METHOD**

• **PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **HUBER, Michael** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KOZERKE, Sebastian** [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOESIGER, Peter** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octroibureau 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 **G01R 33/561**

(11) **WO 03/096051** (13) A1

(21) PCT/IB03/01988

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 02076838.8 **13 May/mai 2002 EP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MAGNETIC RESONANCE IMAGING METHOD**

• **PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **TSAO, Jeffrey** [CA/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PRUESSMANN, Klaas, P.** [DE/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOESIGER, Peter** [CH/CH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octroibureau 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)⁷ **G01S**

(11) **WO 03/096052** (13) A2

(21) PCT/DE03/01371

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) de (26) de

(30) 102 20 936.7 **10 May/mai 2002 DE (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DEVICE FOR DETERMINING THE POSITION BY MEANS OF FIXED AND/OR VARIABLE LANDMARKS**

• **DISPOSITIF DE LOCALISATION AU MOYEN DE POINTS DE REPÈRE FIXES ET/OU VARIABLES**

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **OBBER, Bernhard** [DE/DE]; Georg-Frank-Str. 62, 91056 Erlangen (DE). **LAW-ITZKY, Gisbert** [DE/DE]; Schusterstr.3, 81477 München (DE).

(74) **SIEMENS AKTIENGESSELLSCHAFT**; 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).

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 RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ **G01S**

(11) **WO 03/096053** (13) A2

(21) PCT/IL03/00378

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/378,768 **9 May/mai 2002 US (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **AUTOMATIC CERTIFICATION, IDENTIFICATION AND TRACKING OF REMOTE OBJECTS IN RELATIVE MOTION**

- CERTIFICATION, IDENTIFICATION ET POURSUITE AUTOMATIQUES D'OBJETS DISTANTS EN MOUVEMENT RELATIF

(71, 72) **STEKEL, Amit** [IL/IL]; Menuha Vena-hala, 47, 76247 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).

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 **G01S**

(11) **WO 03/096054** (13) A2

(21) PCT/US03/14809

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 60/378,015 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAL-TIME TARGET TRACKING OF AN UNPREDICTABLE TARGET AMID UNKNOWN OBSTACLES

- SUIVI EN TEMPS REEL D'UNE CIBLE IMPREVISIBLE PARMI DES OBSTACLES INCONNUS

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; No. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 (JP). **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304-01850 (US).

(72) **GONZALEZ-BANOS, Hector**; 100 W. El Camino Real, Unit 46, Mountain View, CA 94040 (US). **LEE, Cheng-Yu**; 778 Mayview Avenue, Palo Alto, CA 94303 (US). **LATOMBE, Jean-Claude**; 939 Valdez Place, Stanford, CA 94305 (US).

(74) **EWING, Thomas, L. et al.** / etc.; Fenwick & 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 (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096055** (13) A2

(21) PCT/US03/14937

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,216 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOW-COST, LOW-POWER GEOLOCATION SYSTEM

- SYSTEME DE GEOLOCALISATION A FAIBLE PUISSANCE PEU ONEREUX

(71) **THE CHARLES STARK DRAPER LABORATORY, INC.** [US/US]; 555 Technology Square, Cambridge, MA 02139 (US).

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

(72, 75) **TINGLEY, Robert, D.** [US/US]; 98 Algonquin Trail, Ashland, MA 01721 (US).

(74) **BIANCO, John, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096056** (13) A2

(21) PCT/US03/15669

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 10/144,876 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS TO DETERMINE A TARGET LOCATION IN BODY COORDINATES

- PROCEDES ET APPAREIL PERMETTANT DE DETERMINER LA POSITION D'UNE CIBLE DANS DES COORDONNEES DE FUSELAGE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **HAGER, James, R.**; 1720 Rhode Island Avenue North, Garden Valley, MN 55427 (US). **YAEGER, Larry, D.**; 3100 Carriage Drive, Medina, MN 55340 (US). **LAVELL,**

Jordan; 5800 West 99th Street, Bloomington, MN 55437 (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 SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01S**

(11) **WO 03/096057** (13) A2

(21) PCT/US03/15919

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 10/144,871 **13 May/mai 2002 US (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR MINIMUM COMPUTATION PHASE DEMODULATION

- PROCEDES ET SYSTEME DE DEMODULATION DE PHASE AVEC CALCUL MINIMAL

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **HAGER, James, R.**; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). **BURLET, Todd, R.**; 8893 Blackoaks Lane, Maple Grove, MN 55311 (US). **JORDAN, Lavell**; 5800 West 99th Street, Bloomington, MN 55437 (US).

(74) **CRISS, Roger, H., Esq.** 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 **G01S 1/04, 1/24**

(11) **WO 03/096058** (13) A1

(21) PCT/IB03/01800

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

(25) en (26) en

(30) 10/147,716 **7 May/mai 2002 US (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED HIGH-POWER SOLID-STATE SWITCH FOR DYNAMIC ANTENNA MODULATION TUNING

- COMMUTATEUR A SEMI-CONDUCTEURS A FORTE INTENSITE, AMELIORE, DESTINE A L'ACCORD D'UNE ANTENNE PAR MODULATION DYNAMIQUE

(71) MEGAPULSE INC. [US/US]; 40 Tyler Road, Lexington, MA 02173 (US).

(72) JOHANNESSEN, Paul, R.; 40 Tyler Road, Lexington, MA 02173 (US).

(74) RINES, Robert, H.; Macleod Allsop, Bledington Grounds, Gloucestershire OX7 6XL (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 G01S 5/14

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(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,405 13 May/mai 2002 US (13.05.2002)

(30) 10/318,448 13 Dec/déc 2002 US (13.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR REFERENCE DATA PROCESSING IN NETWORK ASSISTED POSITION DETERMINATION

- SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES DE REFERENCE DANS LA DETERMINATION DE POSITION ASSISTEE RESEAU

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) BIACS, Zoltan; 1516 Cedarwood Drive, San Mateo, CA 94403 (US). MOEGLEIN, Mark; 906 Oak Knoll Drive, Ashland, OR 97520 (US). MCGLOIN, Justin; 1050 Crestview Drive, #50, Mountain View, CA 94040 (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 G01S 7/32, 13/46, 3/48, 13/94, 13/50, 13/524

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(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,873 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DETERMINING AN ANGLE TO A TARGET USING INTERFEROMETRY

- DETERMINATION D'UN ANGLE PAR RAPPORT A UNE CIBLE A L'AIDE DE L'INTERFEROMETRIE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGER, James, R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). BURLET, Todd, R.; 8893 Blackoaks Lane, Maple Grove, MN 55311 (US). JORDAN, Lavell; 5800 West 99th Street, Bloomington, MN 55437 (US).

(74) ROGER, Criss, H.; 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 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 G01S 7/40, 13/86

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(25) en (26) en

(30) 10/144,881 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR RADAR DATA PROCESSING

- PROCEDE ET APPAREIL ET APPAREIL DE TRAITEMENT DE DONNEES RADAR

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGER, James, R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). HENRICKSON, Jens, M.; 1617 Jefferson Avenue, St. Paul, MN 55105 (US). FORMO, Jason, I.; 8232 Irving Avenue North, Brooklyn Park, MN 55444 (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 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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(25) en (26) en

(30) 10/144,877 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR TERRAIN CORRELATION

- PROCEDE ET APPAREIL POUR CORRELATION DES DONNEES DE TERRAIN

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, Morristown, NJ 07960 (US).

(72) HAGER, James R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). FORMO, Jason I.; 8332 Irving Avenue North, Brooklyn Park MN 55444 (US). OVEN, James B.; 17070 76th Ave No., Maple Grove MN 55311 (US).

(74) ROGER H. Criss, Esq. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/377,596 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NINE DIMENSIONAL LASER TRACKING SYSTEM AND METHOD

• PROCEDE ET SYSTÈME DE POUR-SUITE PAR LASER A NEUF DIMENSIONS

(71) AUTOMATED PRECISION, INC. [US/US]; 15000 Johns Hopkins Drive, Rockville, MD 20850 (US).

(72) LAU, Kam, C.; 12700 Greenbrier Road, Potomac, MD 20854 (US).

(74) VICK, Jason, H.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/524

(11) WO 03/096064 (13) A1

(21) PCT/US03/15923

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,900 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR RESOLUTION OF RADAR RANGE AMBIGUITIES

• PROCEDES ET APPAREIL POUR RESOUDRE DES AMBIGUITES DE PORTEE RADAR

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGER, James, R.; 1720 Rhode Island Avenue North, Garden Valley, MN 55427 (US). HENRICKSON, Jens, M.; 1617 Jefferson Avenue, St. Paul, MN 55105 (US).

BURLET, Todd, R.; 8893 Blackoaks Lane, Maple Grove, MN 55311 (US).

(74) CRISS, Roger, H., Esq. 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).

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(25) en (26) en

(30) 10/144,744 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR CONVERSION OF RADAR RETURN DATA

• PROCEDES ET DISPOSITIF POUR CONVERTIR DES DONNÉES D'ÉCHO RADAR

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGAR, James, R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). PETRICH, Curtis, J.; 3429 Roosevelt St. NE, Minneapolis MN 55418 (US). JORDAN, Lavell; 5800 West 99th Street, Bloomington, MN 55437 (US). HENRICKSON, Jens, M.; 1617 Jefferson Avenue, St. Paul MN 55105 (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 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 G01S 13/72, F41G 7/30

(11) WO 03/096066 (13) A1

(21) PCT/US03/14932

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,433 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALL WEATHER PRECISION GUIDANCE OF DISTRIBUTED PROJECTILES

• GUIDAGE DE PRECISION TOUT TEMPS DE PROJECTILES REPAR-TIS

(71) RAYTHEON COMPANY [US/US]; c/o Leonard A. Alkov, P.O. Box 902 (E4/E2270A), El Segundo, CA 90245-0902 (US).

(72) KRIKORIAN, Kapriel V.; c/o Raytheon Company, P.O. Box 902 (E4/E2270A), El Segundo, CA 90245-0902 (US). ROSEN, Robert A.; c/o Raytheon Company, P.O. Box 902 (E4/E2270A), El Segundo, CA 90245-0902 (US).

(74) ALKOV, Leonard A.; c/o Raytheon Company, P.O. Box 902 (E4/E2270A), El Segundo, CA 90245-0902 (US).

(81) AU CA GB.

(51)⁷ G01S 13/90

(11) WO 03/096067 (13) A1

(21) PCT/US03/15943

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,882 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR ACCURATE PHASE DETECTION

• PROCEDES ET DISPOSITIFS POUR DETECTION DE PHASE PRECISE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGER, James, R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). BURLET, Todd, R.; 8893 Blackoaks Lane, Maple Grove, MN 55311 (US). JORDAN, Lavell; 5800 West 99th Street, Bloomington, MN 55437 (US). HENRICKSON, Jens, M.; 1617 Jefferson Avenue, St. Paul, MN 55105 (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).

Published / Publiée : (c)

(51)⁷ G01S 13/93

(11) WO 03/096068 (13) A1

(21) PCT/DE03/01409

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(30) 60/378,444 7 May/mai 2002 US
(07.05.2002)(30) 102 57 842.7 11 Dec/déc 2002 DE
(11.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETERMINING A RISK
OF AN ACCIDENT BETWEEN A FIRST
OBJECT AND AT LEAST ONE SEC-
OND OBJECT• PROCEDE POUR DETERMINER UN
RISQUE D'ACCIDENT ENTRE UN
PREMIER OBJET ET AU MOINS UN
SECOND OBJET(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SIMON, Stephan [DE/DE]; Pfar-
landstrasse 10, 31079 Sibbesse (DE). IG-
NACZAK, Brad [US/US]; 1658 Heritage
Drive, Canton, MI 48188 (US). LYONS,
Robert [US/US]; 9296 Wild Oaks Circle,
South Lyon, MI 48178 (US).(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 DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 G01T 1/161, A61B 6/00

(11) WO 03/096069 (13) A1

(21) PCT/JP03/06024

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-138959 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RADIATION DETECTOR

• DETECTEUR DE RAYONNEMENT

(71) HAMAMATSU PHOTONICS K.K.
[JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi,
Shizuoka 435-8558 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TOMITA, Yasuhiro [JP/JP]; c/o Hama-
matsu Photonics K.K., 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 (JP).KINPARA, Masanori [JP/JP]; c/o Hama-
matsu Photonics K.K., 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 (JP).
NAKADA, Michiatsu [JP/JP]; c/o Hama-
matsu Photonics K.K., 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 (JP).
SHIRAYANAGI, Yuji [JP/JP]; c/o Hama-
matsu Photonics K.K., 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 (JP).
MATSUMI, Shinjiro [JP/JP]; c/o Hamamatsu
Photonics K.K., 1126-1, Ichino-cho, Hama-
matsu-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).

Published / Publiée : (c)

(51)⁷ G01T 1/20

(11) WO 03/096070 (13) A1

(21) PCT/IL02/00360

(22) 9 May/mai 2002 (09.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-ARRAY DETECTION SYS-
TEMS IN CT• SYSTEMES DE DETECTION
MULTI-ENSEMBLES UTILISES EN
TOMOGRAPHIE ASSISTEE PAR ORDI-
NATEUR(71) PHILIPS MEDICAL SYSTEMS TECH-
NOLOGIES LTD. [IL/IL]; P.O. Box 325,
31004 Haifa (IL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ZAHAVI, Opher [IL/IL]; Lillenblum
Street 24, 38427 Hadera (IL). LEVENE,
Simha [IL/IL]; Kibbutz Sa'ad, 85140 D.N.
Hanegev (IL). DAFNI, Ehud [IL/IL]; Snapir
Street 14, 38900 Caesaria (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 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 ESFI 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 G01V 1/18

(11) WO 03/096071 (13) A1

(21) PCT/AU03/00562

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2256 10 May/mai 2002 AU
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED SEISMIC SENSORS

• CAPTEURS SISMQUES AMELIORES

(71) THALES UNDERWATER SYSTEMS
PTY LIMITED [AU/AU]; 274 Victoria
Road, Rydalmere, NSW 2116 (AU).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LUC, François [FR/AU]; C/-Thales Un-
derwater Systems Pty Ltd, 274 Victoria Road,
Rydalmere, NSW 2116 (AU).(74) BALDWIN SHELSTON WATERS; 60
Margaret Street, 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).

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 G01V 1/38

(11) WO 03/096072 (13) A1

(21) PCT/AU03/00561

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) PS 2255 10 May/mai 2002 AU
(10.05.2002)(30) 2003900266 20 Jan/jan 2003 AU
(20.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR DEPLOYING SEAFLOOR EQUIPMENT
• PROCEDE DE DEPLOIEMENT DE MATERIEL D'INTERVENTION SOUS-MARINE

(71) THALES UNDERWATER SYSTEMS PTY LIMITED [AU/AU]; 274 Victoria Road, Rydalmere, NSW 2116 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUC, François [FR/AU]; C/-Thales Underwater Systems Pty Ltd, 274 Victoria Road, Rydalmere, NSW 2116 (AU). DOWLE, Robert [AU/AU]; C/-Thales Underwater Systems Pty Ltd, 274 Victoria Road, Rydalmere, NSW 2116 (AU).

(74) BALDWIN SHELSTON WATERS; 60 Margaret Street, 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).

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 G01V 3/00, E21B 47/00, H04B 13/02

(11) WO 03/096073 (13) A1

(21) PCT/US03/14496

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/142,811 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD AND APPARATUS FOR TRANSPORTING DATA
• PROCEDE ET DISPOSITIF DE TRANSPORT DE DONNEES

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 4100 Clinton Drive, Houston, TX 77020-6299 (US).

(72) MENDER, Stefan, K.; 427 Deep Willow Drive, Exton, PA 19341 (US).

(74) SHENTOV, Ognjan, V.; Pennie & Edmonds LLP, 1155 Avenue of the Americans, 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 G01V 3/28

(11) WO 03/096074 (13) A1

(21) PCT/US03/14345

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,307 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • APPARATUS AND METHOD FOR MEASURING MUD RESISTIVITY USING A DEFOCUSED ELECTRODE SYSTEM

- APPAREIL ET PROCEDE DE MESURE DE LA RESISTIVITE DE LA BOUE AU MOYEN D'UN SYSTEME D'ELECTRODES DEFOCALISE

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) FABRIS, Antonio; 1903 Briarlee, Houston, TX 77077 (US). KHOKHAR, Rashid; 14823 Knightsway Drive, Houston, TX 77083 (US).

(74) SPRINGS, Darryl, M. 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).

Published / Publiée : (a)

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 G01V 11/00, E21B 47/022

(11) WO 03/096075 (13) A1

(21) PCT/GB02/03730

(22) 13 Aug/août 2002 (13.08.2002)

(25) en (26) en

(30) 60/319,241 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • RECALIBRATION OF DOWNHOLE SENSORS

- REETALONNAGE DE CAPTEURS DE FOND

(71) CAMCO INTERNATIONAL (UK) LIMITED [GB/GB]; Hycalog, Oldends Lane Industrial Estate, Stonehouse, Gloucestershire GL10 3RQ (GB).

(72) DOWNTON, Geoff; 2 Ricardo Road, Minchinhampton, Gloucestershire GL6 9BY (GB).

(74) BAILEY, Richard, Alan; Marks & 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 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).

(51)⁷ G02B

(11) WO 03/096076 (13) A2

(21) PCT/GB03/01974

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210659.9 9 May/mai 2002 GB (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DISPLAY

- ECRAN

(71) SCREEN TECHNOLOGY LIMITED [GB/GB]; Unit 1, Button End, Harston, Cambridge CB2 5NX (GB).

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

(72, 75) BAYLEY, Paul, Andrew [GB/GB]; 65 Broomy Hill, Hereford HR4 0LJ (GB). LOWE, Anthony, Cyril [GB/GB]; Orchard Rise, The Square Braishfield, Hampshire SO51 0PQ (GB).

(74) TURNER, James, Arthur 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/096077 (13) A2

(21) PCT/IL03/00331

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/145,418 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL DEVICE
• DISPOSITIF OPTIQUE

(71) VISIONSENSE LTD. [IL/IL]; P.O. Box
7149, 20 Hamagshimim Street, 49348 Petah
Tikva (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SHECHTERMAN, Mark [IL/IL]; 1/9
Haim Teper Street, 74042 Nes Ziona (IL).
GOLDSTEIN, Michael [IL/IL]; 107 David
Hamelech Street, 46661 Herzelia Pituach
(IL). HORESH, Nadav [IL/IL]; 18 Golomb
Street, 49292 Petah Tikva (IL). YARON, Avi
[IL/IL]; 8th Floor, 20/30 Yoni Netanyahu
Street, 54424 Givat Shmuel (IL). ABRA-
HAM, Martin [IL/IL]; 12 Gishmei Bracha
Street, 45316 Hod Hasharon (IL).

(74) KORAKH, Eliav; Borochoy, Korakh,
Eliezri & Co., Kiryat Atidim, P.O. Box
58100, 61580 Tel Aviv (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B

(11) WO 03/096078 (13) A2

(21) PCT/IL03/00382

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,768 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPHERICAL AND NEARLY SPHERI-
CAL VIEW IMAGING ASSEMBLY
• ENSEMBLE D'IMAGERIE A VUE
SPHERIQUE OU PRESQUE SPHE-
RIQUE

(71) SPHEREVIEW LTD. [IL/IL]; 65 Yigal
Alon Street, 67443 Tel Aviv (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GAL, Ehud [IL/IL]; 3 HaGalil Street,
71908 Reut (IL).

(74) LUZZATTO, Kfir et al. / etc.; Luzzatto &
Luzzatto, P.O. Box 5352, 84152 Beersheva
(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 03/096079 (13) A2

(21) PCT/US03/12766

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 10/143,656 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE HOUSING HAVING ONE OR
MORE OPTICAL FIBERS

• BOÎTIER DE DISPOSITIF DOTÉ D'UNE
OU PLUSIEURS FIBRE(S) OPTIQUE(S)

(71) MOTOROLA, INC., A CORPORA-
TION OF THE STATE OF DELAWARE
[US/US]; 1303 East Algonquin Road,
Schaumburg, IL 60196 (US).

(72) PRATT, Steven, Duane; 5600 S.W. 111th
Terrace, Fort Lauderdale, FL 33328 (US).
PENNISI, Robert, W.; 498 N.E. 7th Street,
Boca Raton, FL 33342 (US). NOUNOU,
Fadia; 1321 N.W. 70th Avenue, Plantation,
FL 33313 (US). KELLEY, Ronald, James;
8305 N.W. 36th Street, Coral Springs, FL
33065 (US). MUTHUSWAMY, Sivakumar;
10534 N.W. 11th Court, Plantation, FL 33324
(US).

(74) DULANEY, Randi, L. et al. / etc.; 8000
West Sunrise Blvd., Room 1610, Fort Laud-
erdale, 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/096080 (13) A2

(21) PCT/US03/14599

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,884 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SILVER ALLOY THIN FILM REFLEC-
TOR AND TRANSPARENT ELECTRI-
CAL CONDUCTOR

• REFLECTEUR SOUS FORME DE
COUCHE MINCE EN ALLIAGE D'AR-
GENT ET CONDUCTEUR ELEC-
TRIQUE TRANSPARENT

(71) TARGET TECHNOLOGY COMPANY,
LLC. [US/US]; 17951 Sky Park Circle,
Building 35, Suite A, Irvine, CA 92614 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) NEE, Han, H. [US/US]; 7 Sommet,
Newport Coast, CA 92657 (US).

(74) EMANUELE, John, J. 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).

(51)⁷ G02B 5/30, 21/00, 21/06, 27/28, G02F
1/03, 1/07, G01N 21/21

(11) WO 03/096081 (13) A2

(21) PCT/US03/14918

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/379,967 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENHANCING POLARIZED LIGHT MI-
CROSCOPY

• MICROSCOPIE EN LUMIERE POLARI-
SEE AMELIOREE

(71) **MARINE BIOLOGICAL LABORATORY** [US/US]; 7 MBL Street, Woods Hole, MA 02543 (US).

(72) **OLDENBOURG, Rudolf**; 594 West Falmouth Highway, Falmouth, MA 02540 (US). **SHRIBAK, Mykhailo**; 19 Harbor Hill Road, Woods Hole, MA 02543 (US). **HOYT, Clifford, C.**; 18 Newbury Park, Needham, MA 02492 (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 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 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 **G02B 6/00**

(11) **WO 03/096082** (13) A2

(21) PCT/GB03/02046

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 0210899.1 **13 May/mai 2002 GB (13.05.2002)**

(30) 10/291,898 **8 Nov/nov 2002 US (08.11.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **GIRES-TOURNOIS ETALONS AND DISPERSION COMPENSATION**
• **ETALONS DE GIRES-TOURNOIS ETALONS ET COMPENSATION DE DISPERSION**

(71) **ASTON PHOTONIC TECHNOLOGIES LTD** [GB/GB]; Faraday Wharf, Holt Street, Birmingham B7 4BB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHU, Xuewen** [CN/GB]; Indigo Photonics Limited, Faraday Wharf, Holt Street, Birmingham B7 4BB (GB). **BYRON, Kevin, Christopher** [GB/GB]; 24 Elm Road, Bishop Stortford, CM23 3UB (GB). **KENNEDY, Lee, Ann** [GB/GB]; c/o Indigo Photonics Ltd, Faraday Wharf, Holt Street, Birmingham B7 4BB (GB). **SUGDEN, Catherine, Anne** [GB/GB]; c/o Indigo Photonics Ltd, Faraday Wharf, Holt Street, Birmingham B7 4BB (GB).

(74) **HELGA, CHAPMAN & CO**; The Old Cottage, Mount Lane, Barford St Martin, Salisbury SP3 4AG (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 **G02B 6/12**

(11) **WO 03/096083** (13) A2

(21) PCT/FR03/01442

(22) **12 May/mai 2003 (12.05.2003)**

(25) fr (26) fr

(30) 02/05842 **13 May/mai 2002 FR (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **INTEGRATED OPTICS COMPONENT COMPRISING A CLADDING AND METHOD FOR MAKING SAME**
• **COMPOSANT D'OPTIQUE INTEGREE COMPRENANT UNE GAINES OPTIQUE ET SON PROCEDE DE REALISATION**

(71) **TEEM PHOTONICS** [FR/FR]; 61, chemin du Vieux Chêne, F-38240 Meylan (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINEZ, Christophe** [FR/FR]; 5, rue André Maginot, F-38000 Grenoble (FR).

(74) **DU BOISBAUDRY, Dominique**; Brevaux, 3, rue du Docteur Lancereaux, F-75008 Paris (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 **G02B 6/16**

(11) **WO 03/096084** (13) A1

(21) PCT/AU03/00531

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(30) PS 2262 **10 May/mai 2002 AU (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **OPTICAL COUPLER STRUCTURE**
• **STRUCTURE DE COUPLEUR OPTIQUE**

(71) **AUSTRALIAN NATIONAL UNIVERSITY** [AU/AU]; Canberra, Australian Capital Territory 0200 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOVE, John, Duncan** [AU/AU]; 55 Barber Crescent, Flynn, Australian Capital Territory 2615 (AU). **TOMLJENOVIC-HANIC, Snjezana** [AU/AU]; 28 Hannaford Street, PAGE, Australian Capital Territory 2614 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; Level 32, MLC Centre, 19-29 Martin Place, Sydney, New South Wales 2000 (AU).

(81) AU CA 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 **G02B 6/16**

(11) **WO 03/096085** (13) A2

(21) PCT/CA03/00576

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) en (26) en

(30) 2,385,176 **7 May/mai 2002 CA (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ADJUSTMENT OF THERMAL DEPENDENCE OF AN OPTICAL FIBER**
• **RÉGLAGE DE LA DÉPENDANCE THERMIQUE D'UNE FIBRE OPTIQUE**

(71) **ITF TECHNOLOGIES OPTIQUES INC.-ITF OPTICAL TECHNOLOGIES INC.** [CA/CA]; 400 Montpellier Blvd., Montreal, Quebec H4N 2G7 (CA).

(72) **AZAMI, Nawfel**; 745 Place Fortier, Apt.1505, Montreal, Quebec H4L 5A6 (CA).

(74) **PRIMAK, George, J.**; 13480 Huntington, Montreal, Quebec H8Z 1G2 (CA).

(81) IL 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 **G02B 6/16**

(11) **WO 03/096086** (13) A1

(21) PCT/KR03/00942

(22) **13 May/mai 2003 (13.05.2003)**

(25) ko (26) en

(30) 10-2002-0026265 **13 May/mai 2002 KR (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **OPTICAL FIBER FOR OPTICAL AMPLIFIER AND PROCESS FOR MANUFACTURING THEREOF**
• **FIBRE OPTIQUE POUR AMPLIFICATEUR OPTIQUE ET PROCEDE DE FABRICATION ASSOCIE**

(71) **LG CABLE LTD.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 135-605 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEO, Young-beom** [KR/KR]; 337-32 Namgajoa 2-dong, Seodaemun-gu, Seoul 120-122 (KR). **LIM, Jae-hong** [KR/KR]; 106-1902 Kolon Apt., Seokgwan-dong, Seongbuk-gu, Seoul 136-150 (KR). **KIM, Dae-weon** [KR/KR]; 802-702 Jaecil Apt., Mujigae-macul, 243 Gumi-dong, Bundang-gu, Seongnam-shi, Kyunggi-do 463-500 (KR).

(74) **AJU PATENT & LAW FIRM**; 12th Floor, Poonglim Building, 823-1 Yeoksam-dong, Kangnam-gu, Seoul 135-784 (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).

Published / Publiée : (c)

(51)⁷ G02B 6/25, A61B 5/00, G02B 6/00

(11) WO 03/096087 (13) A1

(21) PCT/DE03/01347

(22) 25 Apr/avr 2003 (25.04.2003)

(25) de (26) de

(30) 102 20 849.2 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR FLUORIMETRICALLY DETECTING SUBSTANCES IN MEDIA

• DISPOSITIF ET PROCÉDE DE DÉTECTION FLUORIMÉTRIQUE DE SUBSTANCES DANS DES MILIEUX

(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) MENNICKEN, Guido [DE/DE]; Klosenkampstrasse 3, 52428 Jülich (DE). VERECKEN, Harry [BE/DE]; Kasparsweg 22, 52428 Jülich (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (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 G02B 6/255

(11) WO 03/096088 (13) A1

(21) PCT/SE03/00529

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 60/431,035 12 May/mai 2002 US (12.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUSION TEMPERATURE CALIBRATION

• ETALONNAGE DE TEMPERATURE DE FUSION

(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) HUANG, Wei-Ping [CN/SE]; Sundbyvägen 29, S-163 45 SPÅNGA (SE).

(74) ERICSSON AB; Patent Unit Radio Networks, Telefonplan/Älvsjö, S-126 25 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 G02B 6/26

(11) WO 03/096089 (13) A2

(21) PCT/US03/13017

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/141,894 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR MONITORING OPTICAL SIGNALS IN A PLANAR LIGHTWAVE CIRCUIT VIA OUT-OF-PLANE FILTERING

• PROCÉDE ET APPAREIL POUR CONTRÔLER DES SIGNAUX OPTIQUES DANS UN CIRCUIT PLANAIRE A ONDES LUMINEUSES PAR FILTRAGE HORS PLAN

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) GRUNNET-JEPSEN, Anders; 227 Rawls Place, San Jose, CA 95139 (US). JOHNSON, Alan; 1265 Karie Ann Way, San Jose, CA 95118 (US). SWEETSER, John; 5568 Del Oro Drive, San Jose, CA 95124 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 6/287

(11) WO 03/096090 (13) A1

(21) PCT/JP03/05721

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002/132357 8 May/mai 2002 JP (08.05.2002)

(30) 2002/156220 29 May/mai 2002 JP (29.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCTION METHOD FOR POLARIZATION-PRESERVING OPTICAL FIBER COUPLER AND PRODUCTION DEVICE THEREFOR

• DISPOSITIF ET PROCÉDE DE PRODUCTION D'UN COUPLEUR A FIBRES OPTIQUES CONSERVANT UNE POLARISATION

(71) YKK CORPORATION [JP/JP]; No.1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642 (JP).

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

(72, 75) MARUYAMA, Shinichiro [JP/JP]; 232-2, Tenjinshin, Kurobe-shi, Toyama 938-0042 (JP). TADA, Toshiya [JP/JP]; 26-1, Shirasagi 2-chome, Nakano-ku, Tokyo 165-0035 (JP). KAGAWA, Akira [JP/JP]; 5-4, Toyosu 4-chome, Koto-Ku, Tokyo 135-0061 (JP). CHIDA, Kazunori [JP/JP]; 1996-29, Akatsuka 1-chome, Mito-shi, Ibaraki 311-4141 (JP). YOKOMOTO, Masaya [JP/JP]; 1300, Horikiri, Kurobe-shi, Toyama 938-0041 (JP). TOMIKAWA, Yoshihiro [JP/JP]; 17-8, Nishinakano-machi 2-chome, Toyama-shi, Toyama 939-8084 (JP). NAGAHAMA, Hidenobu [JP/JP]; 4016, Mikkaichi, Kurobe-shi, Toyama 938-0031 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO 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 G02B 6/293, 5/26, H04J 14/02

(11) WO 03/096091 (13) A1

(21) PCT/AU03/00542

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,047 7 May/mai 2002 US (07.05.2002)

(30) 2002952235 24 Oct/oct 2002 AU (24.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NARROWBAND FILTER METHOD AND APPARATUS

• PROCÉDE ET APPAREIL DE FILTRAGE A BANDE ÉTROITE

(71) ENGANA PTY LTD [AU/AU]; Suite 1.13, Bay 3, Locomotive Workshop, Australian Technology Park, Eveleigh, NSW 1430 (AU).

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

(72, 75) FRISKEN, Steven, James [AU/AU]; 7 Gulliver Avenue, Vacluse, New South Wales 2030 (AU). ABAKOUMOV, Dmitri [AU/AU]; 2/6 McDonald Street, Lakemba, New South Wales 2195 (AU). BAXTER, Glenn, Wayne [AU/AU]; 64 Sydney Road, Hornsby Heights, New South Wales 2077 (AU).

(74) BALDWIN SHELSTON WATERS; 60 Margaret Street, 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).

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 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 G02B 6/38

(11) WO 03/096092 (13) A1

(21) PCT/CH03/00119

(22) 18 Feb/fév 2003 (18.02.2003)

(25) de (26) de

(30) 804/02 14 May/mai 2002 CH (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL CONNECTOR
• CONNECTEUR OPTIQUE

(71) HUBER+SUHNER AG [CH/CH]; Degersheimerstrasse 14, CH-9100 Herisau (CH).

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(72, 75) ZAINA, Patrick [CH/CH]; Blumenaustrasse 8, CH-9500 Wil (CH). FRISCHKNECHT, Urs [CH/CH]; Saumstrasse 15, CH-9100 Herisau (CH).

(74) OTTOW, Jens, M.; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 G02B 6/42, H01S 5/40 // B41J 2/46

(11) WO 03/096093 (13) A1

(21) PCT/IL03/00252

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/142,827 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INDIVIDUALLY ADDRESSABLE LASER DIODE ARRAYS BASED IMAGING SYSTEMS WITH INCREASED REDUNDANCY

• RESEAUX DE DIODES LASER POUVANT ETRE ADRESSEES DE FAÇON INDIVIDUELLE BASEES SUR DES SYSTEMES D'IMAGERIE A REDONDANCE ACCRUE

(71) CREO IL. LTD. [IL/IL]; P.O. Box 330, 3 Hamada Street, 46103 Herzlia (IL).

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

(72, 75) WEISS, Alex [IL/IL]; 9/6 Hatavas Street, 60920 Kadima (IL). PILOSSOF, Nissim [IL/IL]; 24/4 Bnei Moshe Street, 76485 Rehovot (IL). GELBART, Daniel [CA/CA]; 4688 Pine Crescent, Vancouver, British Columbia V5G-4M1 (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 G02B 6/42

(11) WO 03/096094 (13) A1

(21) PCT/JP03/05719

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002/131085 7 May/mai 2002 JP (07.05.2002)

(30) 2003/45004 21 Feb/fév 2003 JP (21.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHT SENDING AND RECEIVING MODULE, METHOD FOR MOUNTING THE MODULE, AND LIGHT RECEIVING DEVICE

• MODULE D'ENVOI ET DE RECEPTION DE LUMIERE, PROCEDE DE MONTAGE DE CE MODULE, ET DISPOSITIF DE RECEPTION DE LUMIERE ASSOCIE

(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) TAKEI, Yuko [JP/JP]; 25-8, Kamiikedai 1-chome, Ohta-ku, Tokyo 145-0064 (JP). TOHGOH, Hitomaro [JP/JP]; 627-5-2F, Daimura-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0014 (JP). ASANO, Hiroaki [JP/JP]; 6-4, Higashihongoh 1-chome, Midori-ku, Yokohama-shi, Kanagawa 226-0002 (JP). UCHIYAMA, Hiroo [JP/JP]; 223-1-310, Setogayacho, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0024 (JP).

(74) NIHEI, Masayuki; 6th Tomizawa Bldg. 6F, 12-5, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) CN US.

(84) EP (DE FR GB).

Published / Publiée : (b)

(51)⁷ G02B 6/42

(11) WO 03/096095 (13) A1

(21) PCT/JP03/05853

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-134494 9 May/mai 2002 JP (09.05.2002)

(30) 2002-138981 14 May/mai 2002 JP (14.05.2002)

(30) 2002-180303 20 Jun/juin 2002 JP (20.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL DEVICE
• DISPOSITIF OPTIQUE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(72) KOMIYA, Takeo; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). SASAKI, Takashi; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). FUJIMURA, Yasushi; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). HARAGUCHI, Akira; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). IKEJI, Maki; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (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) CA 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 G02B 6/42

(11) WO 03/096096 (13) A1

(21) PCT/JP03/05938

(22) 13 May/mai 2003 (13.05.2003)

- (25) ja (26) ja
- (30) 2002-138612 **14 May/mai 2002** JP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OPTICAL LINK DEVICE
• DISPOSITIF DE LIAISON 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) YAMAUCHI, Kiyoshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IKEDA, Takeshi [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 G02B 6/42
- (11) WO 03/096097 (13) A1
- (21) PCT/KR03/00919
- (22) 9 May/mai 2003 (09.05.2003)
- (25) ko (26) en
- (30) 10-2002-0025901 **10 May/mai 2002** KR
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SMALL-FORMED OPTICAL MODULE
• MODULE OPTIQUE DE PETITE FORME
- (71) ILJIN CORPORATION [KR/KR]; ILJIN Bldg., 50-1 Dohwa-dong, Mapo-gu, Seoul 121-040 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIN, Ki Chul [KR/KR]; 1207-2201, Hanyang Mokryun Apt., 1088 Sanbon-dong, Gunpo-shi, Kyunggi-do 435-040 (KR).
- (74) HWANG, E-Nam; 507, New Seoul Bldg., 828-8 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 FR GB GR HU IE IT LU MC NL PT 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 7/02, 7/00
- (11) WO 03/096099 (13) A1
- (21) PCT/US03/14315
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 10/143,710 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR EFFECTING TEMPERATURE COMPENSATION IN AN OPTICAL APPARATUS
• PROCEDE ET APPAREIL PERMETTANT DE COMPENSER LA TEMPERATURE DANS UN APPAREIL OPTIQUE
- (71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421 (US).
- (72) COX, Phillip, A.; 555 Rosedale Street, Highland Village, TX 75077 (US).
- (74) SCHUBERT, William, C.; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (81) IL 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 G02B 06/02, 06/20
- (11) WO 03/096100 (13) A1
- (21) PCT/US03/14554
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 60/378,787 **9 May/mai 2002** US
(09.05.2002)
- (30) 60/384,236 **31 May/mai 2002** US
(31.05.2002)
- (30) 60/388,857 **17 Jun/juin 2002** US
(17.06.2002)
- (30) 60/393,544 **5 Jul/juil 2002** US
(05.07.2002)
- (30) 60/424,072 **7 Nov/nov 2002** US
(07.11.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • LIGHT EMITTING MEDIUM ILLUMINATION SYSTEM
• SYSTEME D'ECLAIRAGE ET SUPPORT LUMINEUX
- (71) ADVANCE ILLUMINATION TECHNOLOGIES, LLC. [US/US]; 2707 Blue Water Drive, Corona del Mar, CA 92625 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZARIAN, James, Rouben [US/US]; 2707 Blue Water Drive, Corona Del Mar, CA 92625 (US). ZARIAN, Brandon, jonathan [US/US]; 2707 Blue Water Drive, Corona Del Mar, CA 92625 (US).
- (74) PANIAGUAS, John, S.; Katten Muchin Zavis Rosenman, 525 West Monroe, 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 FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 26/10
- (11) WO 03/096101 (13) A1
- (21) PCT/JP03/05694
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002-133737 **9 May/mai 2002** JP
(09.05.2002)
- (30) 2002-202206 **11 Jul/juil 2002** JP
(11.07.2002)
- (30) 2002-211349 **19 Jul/juil 2002** JP
(19.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • OPTICAL SCANNER, AND MECHANISM FOR CLEANING OPTICAL SCANNER COVER GLASS

- SCANNER OPTIQUE ET MECANISME POUR NETTOYER LE VERRE DE PROTECTION DU SCANNER OPTIQUE

- (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) SOWA, Takashi [JP/JP]; C/O SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). INOUE, Nozomu [JP/JP]; C/O SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). MITSUI, Yoichi [JP/JP]; C/O SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

- (74) NIRASAWA, Hiroshi et al. / etc.; AZUSA PATENT OFFICE, Ueno-Suzuki Bldg., 7th Floor, 16-3, Ueno 3-Chome, Taito-Ku, Tokyo 110-0005 (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 G02B 26/10, G06K 7/10

(11) WO 03/096102 (13) A1

(21) PCT/JP03/05997

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-137875 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • BAR CODE READING DEVICE

- DISPOSITIF DE LECTURE DE CODE A BARRES

- (71) OLYMPUS OPTICAL CO., LTD. [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SHIMIZU, Tokuo [JP/JP]; 455-3, Inumemachi, Hachioji-shi, Tokyo 193-0802 (JP). KABEYA, Akifumi [JP/SG]; No.3, Jalan Membina #07-05, 169480 Central Green (SG).

- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

- (81) CN JP SG US.

(51)⁷ G02B 27/22

(11) WO 03/096103 (13) A1

(21) PCT/KR02/00522

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR PRODUCING A PHOTOPOLYMER-BASED MULTIVIEW VHOE USING OPTIMIZED EXPOSURE-TIME SCHEDULE

- PROCEDE DE PRODUCTION D'UN EOHV MULTIVUE A BASE D'UN PHOTOPOLYMER A L'AIDE D'UN

TABLEAU DE DUREE D'EXPOSITION OPTIMISEE

- (71) MAXSOFT CO., LTD. [KR/KR]; 1006 Seoulventurertown 679-5, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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

- (71, 72) KIM, Eun-Soo [KR/KR]; Gwangwoon University school of Electronics Engineering, 447-1 Wolgye-dong, Nowon-gu, Seoul 139-050 (KR).

- (72, 75) KOO, Jung-Sik [KR/KR]; 25-104 Jungong APT., Banpobon-dong, Seocho-gu, Seoul 137-049 (KR). CHO, Byung-Chul [KR/KR]; 16-405 Misung APT., Wolgye 3-dong, Nowon-gu, Seoul 139-915 (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 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 G02B 27/22

(11) WO 03/096104 (13) A1

(21) PCT/KR02/00523

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • MULTIVIEW STEREOSCOPIC 3D DISPLAY DEVICE USING VOLUME HOLOGRAPHIC OPTICAL ELEMENT
• DISPOSITIF D'AFFICHAGE MULTIVUE D'IMAGES EN TROIS DIMENSIONS, DOTE D'UN ELEMENT OPTIQUE HOLOGRAPHIQUE DE VOLUME

- (71) MAXSOFT CO., LTD [KR/KR]; 1006 Seoulventurertown, 679-5 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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

- (71, 72) KIM, Eun-Soo [KR/KR]; Gwangwoon University school of Electronics Engineering, 447-1 Wolgye-dong, Nowon-gu, Seoul 139-050 (KR).

- (72, 75) CHO, Byung-Chul [KR/KR]; 16-405 Misung APT., Wolgye 3-dong, Nowon-gu, Seoul 139-915 (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 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 G02B 27/28, 5/30

(11) WO 03/096105 (13) A1

(21) PCT/US03/14404

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,501 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • CORROSION RESISTANT WIRE-GRID POLARIZED AND METHOD OF FABRICATION

- POLARISEUR A GRILLE DE FILS RESISTANT A LA CORROSION ET SON PROCEDE DE FABRICATION

- (71) MOXTEK, INC. [US/US]; 452 West 1260 North, Orem, UT 84057 (US).

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

- (72, 75) LINES, Michael [US/US]; 211 South 1680 West, Provo, UT 84601 (US). PERKINS, Raymond, T. [US/US]; 686 South 850 East, Orem, UT 84097 (US).

- (74) HOBSON, Garron, M. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

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

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

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(51)⁷ G02F 1/125, 2/02, H01S 3/106

(11) WO 03/096106 (13) A1

(21) PCT/SE03/00771

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0201413-2 10 May/mai 2002 SE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SCANNING LIGHT SOURCE

- SOURCE LUMINEUSE DE BALAYAGE

- (71) EGNELL, Lars [SE/SE]; Klubbvägen 14, S-133 37 Saltjöbaden (SE).

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

- (72, 75) STUBBE, Raoul [SE/SE]; Kornvägen 21, S-182 75 Stocksund (SE). SAHLGREN, Bengt [SE/SE]; Norrholmsvägen 92, S-132

31 Saltsjö-Boo (SE). HELMFRID, Sten [SE/SE]; Köpenhamngsgatan 24, S-164 42 Kista (SE).

(74) AWAPATENT AB; 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) 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)

(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); (i) for the following designation / pour la désignation suivante : US

(51)⁷ G02F 1/13

(11) WO 03/096107 (13) A1

(21) PCT/CN03/00348

(22) 14 May/mai 2003 (14.05.2003)

(25) zh (26) zh

(30) 02217356.0 14 May/mai 2002 CN (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SILICON-BASED COLOR LIQUID CRYSTAL DISPLAY MICRODEVICE

• MICRODISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES COULEUR A BASE DE SILICIUM

(71, 72) SHAO, Jianxin [CN/CN]; Apt.#18/601, 100 Rende Road, Shanghai 200434 (CN). FAN, Bin [CN/CN]; Apt. #1/1108, 29 Pudian Road, Shanghai 200122 (CN).

(74) BEIJING EAST IP PATENT AGENT LIMITED; Suite 1618, South Tower, Beijing Kerry Centre, No. 1 Guanghai Road, Chaoyang District, Beijing 100020 (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).

(51)⁷ G02F 1/13, 1/137

(11) WO 03/096108 (13) A1

(21) PCT/JP03/05762

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-135164 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHT CONTROLLER AND IMAGING APPARATUS

• CONTROLEUR DE LUMIERE ET APPAREIL D'IMAGERIE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) YANAGIDA, Toshiharu [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 G02F 1/133, 1/1333, H01L 31/0392

(11) WO 03/096109 (13) A2

(21) PCT/EP03/04786

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 21 301.1 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE COMPRISING A SOLAR CELL ARRANGEMENT AND A LIQUID CRYSTAL DISPLAY

• DISPOSITIF COMPRENANT UN DISPOSITIF CELLULE SOLAIRE ET UN AFFICHEUR A CRISTAUX LIQUIDES

(71) JUNGHANS UHREN GMBH [DE/DE]; Geissaldenstrasse 49, 78713 Schramberg (DE).

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

(72, 75) BRUMMACK, Hanna [DE/DE]; Franz-Xaver-Stenzel-Strasse 11, 79215 Elzach (DE). MEGNER, Günter [DE/DE]; Am Roggerberg 23c, 88690 Uhldingen (DE).

(74) WESTPHAL, MUSSGNUG & PARTNER; Am Riettor 5, 78048 Villingen-Schwenningen (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 G02F 1/1333

(11) WO 03/096110 (13) A1

(21) PCT/KR03/00935

(22) 12 May/mai 2003 (12.05.2003)

(25) ko (26) en

(30) 10-2002-0026315 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PROVIDING TRANSPARENT SUBSTRATE HAVING PROTECTION LAYER ON CRYSTALIZED POLYSILICON LAYER, METHOD FOR FORMING POLYSILICON ACTIVE LAYER THEREOF AND METHOD FOR MANUFACTURING POLYSILICON TFT USING THE SAME

• PROCEDE D'APPORT D'UN SUBSTRAT TRANSPARENT AYANT UNE COUCHE DE PROTECTION SUR UNE COUCHE DE POLYSILICIUM CRISTALLISEE, PROCEDE DE FORMATION D'UNE COUCHE ACTIVE DE POLYSILICIUM ET PROCEDE DE FABRICATION DE TFT DE POLYSILICIUM UTILISANT LADITE COUCHE

(71, 72) JEONG, Tae-hoon [KR/KR]; 409-104, Silla APT., Gwangyang-Dong, Dongan-ku, Anyang 431-060 (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 G02F 1/1335

(11) WO 03/096111 (13) A1

(21) PCT/US03/13676

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,862 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REFLECTIVE AND TRANSFLECTIVE LIQUID CRYSTAL DISPLAY USING A WIRE GRID POLARIZER

- AFFICHAGE A CRISTAUX LIQUIDES REFLECHISSANT ET TRANSFLECTIF UTILISANT UN POLARISEUR DE GRILLE A FIL

(71) UNIVERSITY OF CENTRAL FLORIDA [US/US]; 4000 Central Florida Boulevard, Orlando, FL 32816 (US). TOPPOLY OPTOELECTRONICS CORP. [—/—]; No. 12, Ke Jung Road, Science-Based Industrial Park, Chu-Nan 350, Miao-Li County (TW).

(72) WU, **Shin-Tson**; 1388 Tall Maple Loop, Oviedo, FL 32765 (US).

(74) STEINBERGER, **Brian, S.**; Law Offices of Brian S. Steinberger, P.A., 101 Brevard Avenue, Cocoa, FL 32922 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/1337, 1/1343

(11) WO 03/096112 (13) A1

(21) PCT/IB03/01541

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02076850.3 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BISTABLE LIQUID CRYSTAL DEVICE WITH PICTURE ELECTRODES HAVING COMB STRUCTURE

- DISPOSITIF A AFFICHAGE A CRISTAUX LIQUIDES BISTABLES COMPRENANT DES ELECTRODES D'IMAGES A STRUCTURE A PEIGNE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) ROOSENDAAL, **Sander, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, **Mark, T.** [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, **Adriaan, Y.**; Internationaal Octroibureau 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 G02F 1/1337

(11) WO 03/096113 (13) A1

(21) PCT/KR02/01187

(22) 21 Jun/juin 2002 (21.06.2002)

(25) ko (26) en

(30) 2002/25535 9 May/mai 2002 KR (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A VERTICALLY ALIGNED MODE LIQUID CRYSTAL DISPLAY

- AFFICHEUR A CRISTAUX LIQUIDES A MODE D'ALIGNEMENT VERTICAL

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do 442-370 (KR).

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(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 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 G02F 1/136

(11) WO 03/096114 (13) A1

(21) PCT/KR02/01392

(22) 24 Jul/juil 2002 (24.07.2002)

(25) ko (26) en

(30) 2002-25536 9 May/mai 2002 KR (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-DOMAIN LIQUID CRYSTAL DISPLAY AND A THIN FILM TRANSISTOR SUBSTRATE OF THE SAME

- ECRAN A CRISTAUX LIQUIDES A DOMAINES MULTIPLES ET SUBSTRAT DE TRANSISTOR EN COUCHES MINCES POUR LEDIT ECRAN

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Paldal-ku, 442-370 Suwon-city, Kyungki-do (KR).

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

(72, 75) SHIN, **Kyong-Ju** [KR/KR]; Samjeong Seonbi Maoul 102-504, 289-12, Bora-ri, Kiheung-cup, 449-904 Yongin-city, Kyungki-do (KR). KIM, **Hee-Seob** [KR/KR]; Shinyoungtong Hyundai Apt. 110-304, 865-1, Banwol-ri, Tacan-cup, Hwasung-kun, 445-973 Kyungki-do (KR). HONG, **Sung-Kyu** [KR/KR]; Hwanggol Jookong Apt. 136-1806, 955-1, Youngtong-dong, Paldal-ku, 442-470 Suwon-city, Kyungki-do (KR). LEE, **Baek-Woon** [KR/KR]; Dongbu Apt. 110-802, 331, Yatap-dong, Bundang-ku, 463-828 Seongnam-city, Kyungki-do (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 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 KZ LC LK 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 G02F 1/163

(11) WO 03/096115 (13) A1

(21) PCT/US03/14297

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,711 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INFERENTIAL TEMPERATURE MEASUREMENT OF AN ELECTROCHROMIC DEVICE

- MESURE DE LA TEMPERATURE INFERENTIELLE D'UN DISPOSITIF ELECTROCHROME

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) INGALLS, **James, F.**; 16842 West Iverson Street, Forest Lake, MN 55025 (US). STOFFEL, **Frederick**; Laan 10c, NL-2512 GM Den Haag (NL).

(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 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 G02F 1/39

(11) WO 03/096116 (13) A1

(21) PCT/EP03/04814

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 871.9 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL PARAMETRIC OSCILLATOR AND AMPLIFIER

• OSCILLATEUR ET AMPLIFICATEUR PARAMETRIQUES OTIQUES

(71) RHEINISCHE FRIEDRICH-WILHELM-UNIVERSITÄT BONN [DE/DE]; Regina-Pacis-Weg 3, 53113 Bonn (DE).

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

(72, 75) GIESSEN, Harald [DE/DE]; Hauptstrasse 52, 67297 Marnheim (DE). TEIPEL, Jörn [DE/DE]; Hausdorffstrasse 343, 53129 Bonn (DE).

(74) SCHROOTEN, Rolf; Braun-Dullaes Pannen Schrooten Haber, Mörsenbroicher Weg 200, 40470 Düsseldorf (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).

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(51)⁷ G03B 21/00, G09F 9/305

(11) WO 03/096117 (13) A1

(21) PCT/GB03/01969

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0210568.2 8 May/mai 2002 GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGE DISPLAY DEVICE

• DISPOSITIF DE VISUALISATION D'IMAGE

(71) SCREEN TECHNOLOGY LIMITED [GB/GB]; Unit 1, Button End, Harston, Cambridge CB2 5NX (GB).

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

(72, 75) BAYLEY, Paul, Andrew [GB/GB]; 65 Broomy Hill, Hereford HR4 0LJ (GB). GALLEN, Nial, Anthony [IE/GB]; 15 Blinco Grove, Cambridge CB1 7TP (GB). LOWE, Anthony, Cyril [GB/GB]; Orchard Rise, The Square Braishfield, Hampshire SO51 0PQ (GB).

(74) TURNER, James, Arthur et AL 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/00, G02B 27/18

(11) WO 03/096118 (13) A1

(21) PCT/JP03/05980

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-139222 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ILLUMINATING OPTICAL SYSTEM, IMAGE DISPLAY UNIT AND METHOD OF ILLUMINATING SPACE MODULATION ELEMENT

• SYSTÈME OPTIQUE D'ÉCLAIRAGE, UNITE D'AFFICHAGE D'IMAGES ET PROCÉDE POUR ÉCLAIRER UN ÉLÉMENT DE MODULATION D'ESPACE

(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) TOMITA, Hideo [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KATSUMATA, Masao [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMAMOTO, Hideki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) FUJISHIMA, Youichiro; 2F, Oodai Building, 9-5, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AU 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 G03B 42/04, A61N 5/10

(11) WO 03/096119 (13) A1

(21) PCT/US03/14311

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,712 7 May/mai 2002 US (07.05.2002)

(30) 60/383,748 28 May/mai 2002 US (28.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • X-RAY CASSETTE WITH RADIATION CONVERSION WINDOW (MEV-KEV) AND AUTOMATIC LOADER

• CASSETTE DE RADIOGRAPHIE AUX RAYONS X AVEC FENÊTRE DE CONVERSION DES RAYONNEMENTS (MEV-KEV) ET CHARGEUR AUTOMATIQUE

(71) OREX COMPUTED RADIOGRAPHY [US/US]; 2000 Commonwealth Avenue, Suite 200, Auburndale, MA 02466 (US).

(72) BERGER, Amir; 36a Dafna St., Kiryat Bialik 27000 (IL). RAPOPORT, Boris; 32/2 Kaztenelson St., Kiryat Ata 28078 (IL). KOREN, Jacob; 46 Alexander Yanai St., Haifa 34816 (IL).

(74) TEJA, Joseph; 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 G03C

(11) WO 03/096120 (13) A2

(21) PCT/KR03/00648

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(30) 10-2002-0026546 14 May/mai 2002 KR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR TRANSMITTING IMAGE DATA

• DISPOSITIF ET PROCÉDE DESTINÉS À TRANSMETTRE DES DONNÉES D'IMAGE

(71) 4D CULTURE INC. [KR/KR]; #726, Songchun-dong, Andong-city, Kyungsangbuk-do 760-380 (KR).

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

(71, 72) KIM, Cheong-Worl [KR/KR]; Hyundai Apt., 204-1502, 600, Yongsang-dong, Andong-city, Kyungsangbuk-do 760-758 (KR).

(74) LEE, Seoung-Gill; S.G.LEE International Patent & Law Office, Rm601, Taegun Bldg., 822-5, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 1/14

(11) WO 03/096121 (13) A2

(21) PCT/FR03/01400

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr

(30) 02/05718 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PHOTOLITHOGRAPHY MASK
COMPRISING ABSORBER/PHASE-
SHIFTER ELEMENTS

• MASQUE POUR PHOTOLITHO-
GRAPHIE A ELEMENTS ABSOR-
BEURS/DEPHASEURS INCLUS

(71) COMMISSARIAT A L'ENERGIE
ATOMIQUE [FR/FR]; 31/33, rue de la
Fédération, F-75752 Paris 15ème (FR).
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les États désignés sauf US)

(72, 75) THONY, Philippe [FR/FR]; Les
Nesmes, F-38134 Saint-Joseph de Riv-
ière (FR). ASPAR, Bernard [FR/FR]; 110,
Lot Le Hameau des Ayes, F-38140 RIVES
(FR). FANGET, Gilles [FR/FR]; 400, route
du Mercuel, F-38140 REAUMONT (FR).

(74) LEHU, Jean; 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).

(51)⁷ G03F 7/00

(11) WO 03/096122 (13) A2

(21) PCT/CH03/00296

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 60/379,102 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING A UNIT
COMPRISING THREE-DIMENSIONAL
SURFACE STRUCTURING AND USE
OF SAID METHOD

• PROCEDE DE PRODUCTION D'UNE
UNITE COMPORTANT UNE STRUC-
TURE SUPERFICIELLE TRIDI-
MENSIONNELLE ET UTILISATION
DE CE PROCEDE

(71) UNAXIS BALZERS AKTIENGE-
SELLSCHAFT [LI/LI]; FL-9496 Balzers
(LI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRABHER, Patrick [AT/AT]; Achsied-
lungsstrasse 27/3, A-6900 Bregenz (AT).
HEINE-KEMPKENS, Claus [DE/CH];
Loestrasse 99, CH-7000 Chur (CH).
BISCHOFBERGER, Roger [CH/CH];
Schönfeldstrasse 7, CH-9471 Buchs (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 G03F 7/00, B41M 1/06, 1/26, 1/28, 1/30,
1/34, B81B 7/00, B81C 1/00, B82B 1/00

(11) WO 03/096123 (13) A1

(21) PCT/SG02/00084

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REVERSAL IMPRINT TECHNIQUE

• TECHNIQUE D'IMPRESSION PAR IN-
VERSION

(71) INSTITUTE OF MATERIALS RE-
SEARCH AND ENGINEERING [SG/SG];
3 Research Link, Singapore 17602 (SG).
(for all designated States except / pour tous
les États désignés sauf US)

(71) THE REGENTS OF THE UNIVERSITY
OF MICHIGAN [US/US]; Ann Arbor, MI
48109 (US).

(only for / seulement pour US)

(72, 75) HUANG, Xudong [CN/SG]; Block 711,
Clementi West Street 2, #09-197, Singapore
120711 (SG). BAO, Li-Rong [CN/US]; 2902
Sunny Slope Road, Bridgewater, NJ 08807
(US). CHENG, Xing [CN/US]; 1929 Ply-
mouth Road #1012, Ann Arbor, MI 48105
(US). GUO, Lingjie, J. [CN/US]; 4910
Ravine Court, Ann Arbor, MI 48105 (US).
PANG, Stella, W. [US/US]; 3671 Highlander
Way East, Ann Arbor, MI 48108 (US). YEE,
Albert, F. [US/SG]; 45 Mt. Sinai Rise,
#14-01 Beaverton Court, Singapore 276958
(SG).

(74) KOH, Patsy et al. / etc.; Arthur Loke
Bernard Rada & Lee, 9 Temasek Boulevard
#23-01, Suntec Tower 2, Singapore 038989
(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 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 G03F 7/20, G02B 1/02

(11) WO 03/096124 (13) A1

(21) PCT/EP02/12690

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de

(26) de

(30) PCT/EP02/05050 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LENS CONSISTING OF A CRYSTAL-
LINE MATERIAL

• LENTILLE EN MATIERE CRISTAL-
LINE

(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) ENKISCH, Birgit [DE/DE];
Schellingstrasse 29/1, 73431 Aalen
(DE). ENKISCH, Hartmut [DE/DE];
Schellingstrasse 29/1, 73431 Aalen (DE).
GRUNER, Toralf [DE/DE]; Opalstrasse 22,
73433 Aalen-Hofen (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G03G 15/08, 15/34

(11) WO 03/096125 (13) A1

(21) PCT/US03/14083

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,390 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUPPLYING MARKING FLUID IN AN
IMAGING SYSTEM

• ALIMENTATION EN FLUIDE DE MAR-
QUAGE DANS UN SYSTEME D'IMA-
GERIE

(71) HEWLETT-PACKARD DEVELOP-
MENT COMPANY, L.P. [US/US]; 20555
S.H. 249, Houston, TX 77070 (US).

(72) GILA, Omer; 7574 Waterford Drive, Cupertino,
CA 95014 (US). VEJTASA, David, S.;
3551 Middlefield Road, Atherton, CA 94025
(US).

(74) HEMINGER, Susan, E; Hewlett-Packard
Company, IP Administration, P. O. Box
272400, Ft. 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 G04B

(11) WO 03/096126 (13) A2

(21) PCT/IL03/00360

(22) 4 May/mai 2003 (04.05.2003)

(25) en (26) en

(30) 10/139,314 7 May/mai 2002 US (07.05.2002)

(30) 10/189,538 8 Jul/juil 2002 US (08.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • CLOCK FOR CHILDREN
• REVEIL POUR ENFANTS

(71) LUDOVIG LTD. [IL/IL]; 37 Pierre Koenig St., 91042 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLOCH, Louis [IL/IL]; 9 Bnei Betira St., 93595 Jerusalem (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 G04C

(11) WO 03/096127 (13) A2

(21) PCT/IL03/00367

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/378,353 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • WAKING UP SYSTEM AND METHOD
• SYSTEME ET METHODE DE REVEIL

(71, 72) HAYUT, Yaron [IL/IL]; 3 Tel Hai Street, 52335 Ramat Gan (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 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

(11) WO 03/096128 (13) A2

(21) PCT/US03/07770

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/364,303 14 Mar/mar 2002 US (14.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • A COOPERATIVE VEHICULAR IDENTIFICATION SYSTEM
• SYSTEME COOPERATIF D'IDENTIFICATION POUR VEHICULES

(71) EICES RESEARCH, INC. [US/US]; 101 Chalon Drive, Cary, NC 27511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARABINIS, Peter, D. [US/US]; 101 Chalon Drive, Cary, NC 27511 (US).

(74) BIGEL, Mitchell, S.; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04Q 7/38

(11) WO 03/096129 (13) A1

(21) PCT/AU03/00577

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210938.7 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • AN AUTOMATED PERFORMANCE MONITORING AND ADAPTATION SYSTEM
• SYSTEME AUTOMATISE DE SURVEILLANCE DE PERFORMANCE ET D'ADAPTATION

(71) NEURAL TECHNOLOGIES LTD [GB/GB]; Ideal House, Bedford Road, Petersfield, Hampshire GU32 3QA (GB).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK MN MW MX MZ NI 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) TOMS, David [AU/AU]; c/-Straits Resources, Level 1, 35 Ventnor Avenue, Perth, Western Australia 6005 (AU).
(only for / seulement pour BZ)

(72, 75) MANSLOW, John [GB/GB]; 10 Wide Lane, Swaythling, Southampton, Hampshire SO18 2HH (GB). BOLT, George [GB/GB]; 1 Half Moon Cottage, Petersfield Road, Midhurst, Hampshire GU29 9LL (GB).

(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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/02, G06F 19/00

(11) WO 03/096130 (13) A1

(21) PCT/US02/33853

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/046,359 23 Oct/oct 2001 US (23.10.2001)

(30) 10/171,758 14 Jun/juin 2002 US (14.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SEMICONDUCTOR RUN-TO-RUN CONTROL SYSTEM WITH STATE AND MODEL PARAMETER ESTIMATION
• SYSTEME DE COMMANDE SEQUENTIELLE POUR SEMI-CONDUCTEUR A ESTIMATION DE PARAMETRES D'ETAT ET DE MODELE

(71) BROOKS-PRI AUTOMATION, INC. [US/US]; 805 Middlesex Turnpike, Billerica, MA 01821 (US).

(72) EDWARDS, Keith, A.; 9218 Balcones Club Drive, #811, Austin, TX 78750 (US). ZOU, Jianping; 8617 Spicewood Springs Road, #249, Austin, Texas 78759 (US). MULLINS, James, A.; 8712 Sea Ash Circle, Round Rock, TX 78681 (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 NI 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).

Published / Publiée : (c)

(51)⁷ G05B 19/418

(11) WO 03/096131 (13) A1

(21) PCT/JP03/00969

(22) 31 Jan/jan 2003 (31.01.2003)

(25) ja (26) ja

(30) 2002-108346 10 Apr/avr 2002 JP (10.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PARTS SUPPLY SYSTEM PROBLEM DETECTION SUPPORT SYSTEM AND METHOD, AND PROGRAM FOR THE SAME

• SYSTEME ET PROCEDE D'ASSISTANCE A LA DETECTION DE PROBLEMES DANS UN SYSTEME DE FOURNITURE DE PIECES ET PROGRAMME ASSOCIE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyotacho, Toyota-shi, Aichi 471-8572 (JP).

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

(72, 75) TAKAHASHI, Tomokazu [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 471-8572 (JP). Tsuboi, Haruhiko [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 471-8572 (JP). Wakiyama, Harumichi [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 471-8572 (JP). Yasukawa, Shokichi [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 471-8572 (JP).

(74) KAI-U PATENT LAW FIRM; NISSEKI MEIEKI BUILDING 7F, 45-14, Meieki 2-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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 G05D 7/06

(11) WO 03/096132 (13) A1

(21) PCT/EP03/04246

(22) 24 Apr/avr 2003 (24.04.2003)

(25) de (26) de

(30) 102 20 446.2 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR REGULATING A GAS FLOW

• DISPOSITIF DE REGULATION POUR REGULER UN FLUX DE GAZ

(71) ENGION AG [DE/DE]; Gustav-Meyer-Allee 25, 13355 Berlin (DE).

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

(72, 75) MÖSSBAUER, Stephan [DE/DE]; Danziger Strasse 142, 10407 Berlin (DE).

(74) WEISSE, Renate et al. / etc.; Weisse & Wolgast, Bökenbuschstrasse 41, 42555 Velbert (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).

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 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)

(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)

(u) for / pour US only / seulement

(51)⁷ G05D 11/03

(11) WO 03/096133 (13) A1

(21) PCT/US02/14852

(22) 9 May/mai 2002 (09.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLUID DISPENSING SYSTEM AND DUAL-MODE, SYSTEM FLUID ACTUATED VALVE FOR USE THEREIN

• SYSTEME DE DISTRIBUTION DE FLUIDE A DEUX MODES, VANNE ACTIONNEE PAR LE FLUIDE DU SYSTEME ET UTILISEE DANS LE SYSTEME

(71) INTERNATIONAL DISPENSING CORPORATION [US/US]; Suite 230, 1111 Benfield Boulevard, Millersville, MD 21108 (US).

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

(72, 75) FRIEDMAN, Mitchell, A. [US/US]; Suite B, 9633 Liberty Road, Randallstown, MD 21133 (US).

(74) STONE, Gregory, M. et al. / etc.; Whiteford, Taylor & Preston L.L.P., Seven Saint Paul Street, Baltimore, MD 21202-1626 (US).

(81) 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 : (a)

(51)⁷ G05D 23/00, G08C 19/00

(11) WO 03/096134 (13) A1

(21) PCT/DK03/00298

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) PA 2002 00719 10 May/mai 2002 DK (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HEAT BURNER SURVEILLANCE

• SURVEILLANCE DE BRULEUR DE CHAUFFAGE

(71) TELL IT ONLINE ApS [DK/DK]; Kronprinsessegade 36, DK-1306 Copenhagen K (DK).

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

(72, 75) MERRILD, Frans [DK/DK]; Over Gaden Neden Vandet 51A, 3.tv, DK-1414 Copenhagen K (DK).

(74) Hoiberg A/S; St. Kongensgade 59A, DK-1264 Copenhagen (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).

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 G05F 1/00

(11) WO 03/096135 (13) A1

(21) PCT/US03/13106

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 60/375,450 26 Apr/avr 2002 US (26.04.2002)

(30) 10/277,087 22 Oct/oct 2002 US (22.10.2002)

(30) 10/345,154 16 Jan/jan 2003 US (16.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PVM CONTROLLER WITH AUTOMATIC LOW BATTERY POWER REDUCTION CIRCUIT AND LIGHTING DEVICE INCORPORATING THE CONTROLLER

• CONTROLEUR DE LAMPE A MODULATION D'IMPULSIONS EN LARGUEUR POUR DES PROJECTEURS COMPRENANT UN CIRCUIT DE REDUCTION AUTOMATIQUE D'ALIMENTATION LORSQUE LE NIVEAU DE BATTERIE EST FAIBLE

(71) VECTOR PRODUCTS, INC. [US/US]; 4140 S.W. 28th Way, Fort Lauderdale, FL 33312 (US).

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(72, 75) KRIEGER, Michael [US/US]; 34 West Dildo 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). SHUM, Henry [—/—]; c/o Sunluxe Enterprises, Ltd., 31/F1 New Tech Plaza, Unit 3106, 34 Tai Yau Street, San Po Kong, Kowloon (CN).

(74) KINBERG, Robert et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 03/096136 (13) A2

(21) PCT/CA03/00664

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,105 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR MULTI-TIERED LICENSE MANAGEMENT AND DISTRIBUTION USING NETWORKED CLEARINGHOUSES

• SYSTEME ET PROCEDE DE GESTION ET DE DELIVRANCE DE LICENCES A PLUSIEURS NIVEAUX FAISANT INTERVENIR DES CHAMBRES DE COMPENSATION EN RESEAU

(71) PROTEXIS INC. [CA/CA]; 355 Burrard Street, Suite 300, Vancouver, British Columbia V6C 3G8 (CA).

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

(72, 75) ALDIS, David [CA/CA]; 18292 64th Avenue, Surrey, British Columbia V3S 8A7 (CA). KEJSER, Brian [CA/CA]; 2703 - 1238 Melville Street, Vancouver, British Columbia V6E 4N2 (CA). MUECKE, Innes [CA/CA]; 12 Apollo Court, Halifax, Nova Scotia B3M 1H1 (CA). RIEBE, Henning [CA/CA]; 2075 Comox Street, Apartment 203, Vancouver, British Columbia V6G 1S2 (CA).

(74) KONDOR, George, F. et al. / etc.; 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(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 : (i)

(51)⁷ G06F

(11) WO 03/096137 (13) A2

(21) PCT/CA03/00673

(22) 7 May/mai 2003 (07.05.2003)

(25) en

(26) en

(30) 2,385,204 7 May/mai 2002 CA (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • 3-DIMENSIONAL APPARATUS FOR SELF-PACED INTEGRATED PROCEDURE TRAINING AND METHOD OF USING SAME

• APPAREIL 3D DE FORMATION A UNE PROCEDURE INTEGREE A PROGRESSION ADAPTEE AU RYTHME DE L'APPRENANT ET PROCEDE D'UTILISATION DE CE DERNIER

(71) CAE INC. [CA/CA]; 8585 Cote de Liesse, C.P. 1800, Saint Laurent, Québec H4L 4X4 (CA).

(72) QUIMPER, Remi; 3542 Vendome, Montreal, Québec H4A 3M7 (CA). ASMAR, Michele; 30 Pheasant, Dollard-des-Ormeaux, Québec H9B 2S4 (CA). ETHIER, Luc; 3671 Jovette, Laval, Québec H7P 4Y9 (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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096138 (13) A2

(21) PCT/EP03/03866

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/141,676 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF HANDLING BULK MAILING

• PROCEDE DE TRAITEMENT D'ENVOIS EN NOMBRE

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72) MCLINTOCK, Graeme; Conrad Groeber Str. 8, 78464 Konstanz (DE).

(81) AU 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 G06F

(11) WO 03/096139 (13) A2

(21) PCT/EP03/04779

(22) 7 May/mai 2003 (07.05.2003)

(25) de

(26) de

(30) 102 20 450.0 **7 May/mai 2002** DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTACTLESS CONNECTING CABLE
• CABLE DE CONNEXION SANS CONTACT

(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]; Adelheidsweg 13/2, 71384 Weinstadt (DE). **PECHSTEIN, Torsten** [DE/DE]; Reichsstrasse 11, 01445 Radebeul (DE). **STRAUB, Hermann** [DE/DE]; Hornsteinstrasse 4/1, 72108 Rotenburg (DE).

(74) **ANDRES, Angelika**; 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 G06F

(11) **WO 03/096140** (13) A2

(21) PCT/IB03/01777

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/141,879 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD OF SECURE AUTHENTICATION AND BILLING FOR GOODS AND SERVICES USING A CELLULAR TELECOMMUNICATION AND AN AUTHORIZATION INFRASTRUCTURE

• SYSTEME ET PROCEDE D'AUTHENTIFICATION ET DE FACTURATION SECURISEES POUR DES PRODUITS ET DES SERVICES AU MOYEN D'UNE TELECOMMUNICATION CELLULAIRE ET D'UNE STRUCTURE D'AUTORISATION

(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) **ASOKAN, Nadarajah**; Ankkurinvarsl 6 K, FIN-02320 Espoo (FI). **GINZBOORG, Philip**; Ylakaupinkuja 1 B 10, FIN-02360 Espoo (FI).

(74) **BRUNDIDGE, Carl, I.**; Antonelli, Terry, Stout, & Kraus, LLP, Suite 1800, 1300 North

Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 03/096141** (13) A2

(21) PCT/IB03/02689

(22) **14 May/mai 2003 (14.05.2003)**

(25) en (26) en

(30) 60/381,060 **14 May/mai 2002** US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTERACTIVE WEB COLLABORATION SYSTEMS AND METHODS
• PROCEDES ET SYSTEMES DE COLLABORATION WEB INTERACTIVE

(71, 72) **REYNOLDS, Brian** [GB/JM]; Kimmage, Main Street, Hopewell, Hanover (JM). **CONWAY, Mark, J.** [GB/GB]; #8 The Manlowes, Newbury RG14 7AY (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

(11) **WO 03/096142** (13) A2

(21) PCT/IL03/00385

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 10/146,499 **14 May/mai 2002** US
(14.05.2002)

(30) 10/152,309 **20 May/mai 2002** US
(20.05.2002)

(30) 10/152,308 **20 May/mai 2002** US
(20.05.2002)

(30) 10/152,310 **20 May/mai 2002** US
(20.05.2002)

(30) 10/153,418 **21 May/mai 2002** US
(21.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SYSTEM AND METHOD FOR DETECTION AND ANALYSIS OF DATA

• SYSTEME ET PROCEDE DE DETECTION ET D'ANALYSE DE DONNEES

(71) **GORDONOMICS LTD.** [IL/IL]; C/O Volovelsky, Dinstein & Sneh, Noltan House, 14 Shenkar Street, 46725 Herzelia (IL).
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(72, 75) **GORDON, Goren** [IL/IL]; 25 Dubnov Street, 75205 Rishon LeZion (IL). **GORDON, Hanna** [IL/IL]; 25 Dubnov Street, 75205 Rishon LeZion (IL).

(74) **AGMON, Jonathan et al.** / etc.; Soroker-Agmon, Advocates and Patent Attorneys, Levinstein Tower, 12th floor, 23 Petach Tikva Road, 66184 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 03/096143** (13) A2

(21) PCT/IN03/00181

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/144,242 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STARTING AND SHUTTING DOWN REMOTE COMPUTER COMPONENTS AT RUNTIME

• DEMARRAGE ET ARRET, A L'EXECUTION, DE COMPOSANTS INFORMATIQUES DISTANTS

(71) **OBJECT INTERACTIVE TECHNOLOGIES LIMITED** [IN/IN]; 51 Popatwadi, Suite No. 15, Kalbadevi Road, Mumbai 400 002 (IN).

(72) **KOTNUR, Sasank**; E53/5, Shri Thirtha Apartments, 17th Cross, 4th Main Road, Malleswaram, Bangalore 560 003, Karnataka State (IN). **KOTNUR, Sreekrishna**; E53/5, Shri Thirtha Apartments, 17th Cross, 4th Main Road, Malleswaram, Bangalore 560 003, Karnataka State (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G06F

(11) WO 03/096144 (13) A2

(21) PCT/IN03/00182

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/144,435 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR ACTIVATING AND PAUSING A COMPONENT

• SYSTEMES ET PROCEDE PERMETTANT D'ACTIVER OU DE DESACTIVER UN COMPOSANT

(71) OBJECT INTERACTIVE TECHNOLOGIES LIMITED [IN/IN]; 51, Popatwadi, Suite No. 15, Kalbadevi Road, Mumbai 400 002 (IN).

(72) KOTNUR, Sasank; E53/5, Shri Thirtha Apartments, 17th Cross, 4th Main Road, Malleswaram, Bangalore 560 003, Karnataka State (IN). KOTNUR, Sreekrishna; E53/5, Shri Thirtha Apartments, 17th Cross, 4th Main Road, Malleswaram, Bangalore 560 003, Karnataka State (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 UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/096145 (13) A2

(21) PCT/US02/36879

(22) 18 Nov/nov 2002 (18.11.2002)

(25) en (26) en

(30) 10/000,005 20 Nov/nov 2001 US (20.11.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD TO RECORD, STORE AND BROADCAST SPECIFIC BRAIN WAVEFORMS TO MODULATE BODY ORGAN FUNCTIONING

• DISPOSITIF ET PROCEDE D'ENREGISTREMENT, DE STOCKAGE ET DE DIFFUSION DE FORMES D'ONDES DU CERVEAU AFIN DE MODULER LE FONCTIONNEMENT D'UN ORGANE CORPOREL

(71) SCIENCE MEDICUS, INC. [US/US]; 4790 Caughlin Parkway #525, Reno, NV 89509 (US).

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

(71, 72) SCHULER, Eleanor [US/US]; 2201 Spruce Needle Road, Rio Rancho, NM 87124 (US). LEE, Claude, K. [US/US]; 4870 East Creek Ridge Trail, Reno, NV 89509 (US).

(74) LEE, William et al. / etc.; Lee, Mann, Smith, McWilliams, Sweeney & Ohison, P.O.Box 2786, Chicago, IL 60690--2786 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 G06F

(11) WO 03/096146 (13) A2

(21) PCT/US03/12919

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 10/139,321 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STELLAR ICON FOR DATA REPRESENTATION AND SYSTEM AND METHOD FORMING THE STELLAR ICON

• ICONE EN FORME D'ETOILE POUR LA REPRESENTATION DE DONNEES ET SYSTEME ET PROCEDE DE FORMATION DE CETTE ICONE EN FORME D'ETOILE

(71) COULTER INTERNATIONAL CORP. [US/US]; 11800 SW 147 Avenue, Mail Code 32-A02, Miami, FL 33196 (US).

(72) LARY, Todd, P.; 14870 SW 238th Street, Homestead, FL 33032 (US). RILEY, John, S.; 10610 SW 159th Court, Miami, FL 33196 (US). SNOW, Christopher, W.; 16045 SW 280th Street, Homestead, FL 33031 (US).

(74) ALTER, Mitchell, E.; Coulter International Corp., P.O. Box 169015, Mail Code 32-A02, Miami, FL 33116-9015 (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).

(51)⁷ G06F

(11) WO 03/096147 (13) A2

(21) PCT/US03/13656

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 60/380,100 6 May/mai 2002 US (06.05.2002)

(30) 60/391,473 25 Jun/juin 2002 US (25.06.2002)

(30) 60/391,543 25 Jun/juin 2002 US (25.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD OF APPLICATION PROCESSING

• SYSTEME ET PROCEDE DE TRAITEMENT DE DEMANDES DE CREDIT

(71) ZOOTE ENTERPRISES, INC. [US/US]; 1115 North 7th Avenue, Bozeman MT 59715 (US).

(72) NELSON, Chris; 6432 Meadowlark Drive, Bozeman, MT 59718 (US). JOHNSON, Tom; 411 West Alderson, Bozeman MT 59715 (US). AUGUSTINE, Jennifer; 9425 West Pheasant Drive, Bozeman, MT 59718 (US). PALAKOVICH, Jim; 830 Mary Road, Bozeman, MT 59718 (US). KNEELAND, Paul; 3486 Edison Road, Silverton, OR 97381 (US). TOULOUSE, Andrew; 9425 Meadowlark Drive, Bozeman, MT 59718 (US).

(74) SCHUTZ, James, E.; TROUTMAN SANDERS LLP, Bank of America Plaza, 600 Peachtree Street, N.E., Suite 5200, Atlanta, GA 30308-2216 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096148 (13) A2

(21) PCT/US03/13866

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/377,589 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SELF CONTAINED ELECTRONIC LOYALTY SYSTEM

• SYSTEME DE FIDELITE ELECTRONIQUE AUTONOME

(71) **OUTSIDE NETWORKS, INC.** [US/US]; 4575 Progress Road, Suite C, Norfolk, VA 23502 (US).

(72) **ALLEN, Marc, L.**; 1022 Shoal Creek Trail, Chesapeake, VA 23320 (US). **BAKKER, Anton**; 1054 West Ocean View Avenue, Norfolk, VA 23503 (US).

(74) **VICK, Jason, H.**; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096149 (13) A2

(21) PCT/US03/14079

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,352 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-MEDIA BROADCAST AND MULTICAST SERVICE (MBMS) IN A WIRELESS COMMUNICATION SYSTEM

• DIFFUSION MULTIMEDIA ET SERVICE MULTIDESTINATION (MBMS) DANS UN SYSTEME HERTZIEN DE COMMUNICATIONS

(71) **QUALCOMM, INC.** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **WILLENEGGER, Serge**; Vignes-Dessous, CH-1425 Onnens (CH). **CHEN, Tao**; 5415 Harvest Run Drive, San Diego, CA 92130 (US). **VAYANOS, Alkinoos Hector**; 1037 Diamond Street, San Diego, CA 92109 (US). **WEI, Yongbin**; 12140 Brickellia Street, San Diego, CA 92129 (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 G06F

(11) WO 03/096150 (13) A2

(21) PCT/US03/14082

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,087 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR AUGMENTING PHYSICAL LAYER ARQ IN A WIRELESS DATA COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL PERMETTANT D'AUGMENTER UNE COUCHE PHYSIQUE ARQ DANS UN SYSTEME DE COMMUNICATION DE DONNEES SANS FIL

(71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **MOHANTY, Bibhu**; 4028 Mahaila Avenue, #C, San Diego, CA 92122 (US). **ESTEVEZ, Eduardo**; Rua Sao Benedito 873, Apt. 223, 04735-002 Sao Paulo (BR). **GURELLI, Mehmet I.**; 3717 Nobel Drive, #1329, San Diego, CA 92122 (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 G06F

(11) WO 03/096151 (13) A2

(21) PCT/US03/14094

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,635 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR A SEAMLESS INTERFACE BETWEEN AN EMERGENCY MEDICAL DISPATCH SYSTEM AND A NURSE TRIAGE SYSTEM

• PROCEDE ET SYSTEME D'INTERFACE DIRECTE ENTRE UN SYSTEME DE SUIVI MEDICAL D'URGENTES ET UN SYSTEME DE TRIAGE EFFECTUE PAR DES INFIRMIERES

(71) **PRIORITY SOLUTIONS, INC.** [US/US]; 139 E. South Temple, Suite 500, Salt Lake City, UT 84111 (US).

(72) **SAALSAA, Richard**; 374 I Street, Salt Lake City, UT 84103 (US). **MCSHANE, Dennis**,

J.; 570 Menlo Oaks Drive, Meno Park, CA 94025 (US).

(74) **SADLER, Lloyd, W.** et al. / etc.; Parsons Behle & Latimer, 201 South Main Street, Suite 1800, 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 G06F

(11) WO 03/096152 (13) A2

(21) PCT/US03/14143

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/140,439 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR REMOTELY MONITORING A SITE

• PROCEDE ET DISPOSITIF POUR LE CONTROLE DE SITE A DISTANCE

(71) **NETTALON SECURITY SYSTEMS, INC.** [US/US]; 3307 Bourbon Street, Fredericksburg, VA 22408 (US).

(72) **KIMMEL, David, E.**; 10110 Oat Lands Place, Fredericksburg, VA 22408 (US). **BYRNE, James, T., Jr.**; 8804 Merseyside Lane, Chesterfield, VA 23832 (US). **JONES, Donald, R., Jr.**; Rt. 1, Box 376B, New Canton, VA 23123 (US). **DUBOIS, Ronald**; 3076 Antrim Circle, Dumfries, VA 22026 (US).

(74) **TOPMILLER, Joseph, E.**; Covington & Burling, 1201 Pennsylvania Avenue, N.W., Washington, DC 20004-2401 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096153 (13) A2

(21) PCT/US03/14150

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,810 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR QUALITY PERFORMANCE EVALUATION AND REPORTING

- SYSTEME ET PROCEDE POUR UNE EVALUATION ET UN RAPPORT DE PERFORMANCE DE QUALITE

(71) JOHNSON & JOHNSON HEALTH CARE SYSTEMS [US/US]; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(72) D'ALESSANDRO, Conrad; 3 Cascade Court, Skillman, NJ 08558 (US). FANTASIA, Leonard, D.; 6 Harborview Drive, Atlantic Highlands, NJ 07716 (US). MASARIK, Charles; 712 South Riverside Drive, Neptune, NJ 07753 (US).

(74) ELDERKIN, Dianne, B. et al. / etc.; Woodcock Washburn LLP, 46th floor, 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 G06F

(11) WO 03/096154 (13) A2

(21) PCT/US03/14194

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,683 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CUSTOMIZATION OF MEDICAL DEVICE

- PERSONNALISATION D'UN DISPOSITIF MEDICAL

(71) MEDTRONIC PHYSIO-CONTROL CORP. [US/US]; 11811 Willows Road NE, South Bldg., P.O. Box 97006, Redmond, WA 98073-9706 (US).

(72) NOVA, Richard, C.; 1205 Kirkland Avenue, Kirkland, WA 98033 (US). FIRMAN, Stephen, L.; 2732 174th Avenue NE, Redmond, WA 98052 (US).

(74) SHUMAKER, Steven, J.; Shumaker & Siefert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 03/096155 (13) A2

(21) PCT/US03/14254

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/141,168 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHILDREN'S COMPUTER BANKING GAME

- JEU ÉLECTRONIQUE DE TRANSACTIONS BANCAIRES POUR ENFANTS

(71, 72) RESNICK, Paul [US/US]; 8484 Wilshire Boulevard, Suite 870, Beverly Hills, CA 90211 (US).

(74) DYKAS, Frank, J.; Dykas, Shaver & Nipper, LLP, P.O. Box 877, Boise, ID 83701-0877 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 03/096156 (13) A2

(21) PCT/US03/14308

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,514 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIVE AUCTION USING ELECTRONIC AUCTION PADDLES

- VENTE AUX ENCHERES EN DIRECT METTANT EN OEUVRE DES MANETTES DE VENTE AUX ENCHERES ELECTRONIQUES

(71, 72) WAGNER, Roger [US/US]; 3755 Avocado Boulevard, #440, La Mesa, CA 91941 (US).

(74) DELANEY, Karoline, A.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (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 G06F

(11) WO 03/096157 (13) A2

(21) PCT/US03/14649

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,059 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR CREATING A VIRTUAL DATA COPY

- PROCEDE ET DISPOSITIF SERVANT A LA CREATION D'UNE COPIE VIRTUELLE DE DONNEES

(71) VERITAS SOFTWARE CORPORATION [US/US]; 350 Ellis Street, Mountain View, CA 94043 (US).

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

(72) KEKRE, Anand, A.; 10, cosmos Garens, S. No. 74, Pancard Club Road, Baner, Pune -411 045 (IN). COLGROVE, John, A.; 790 Sunshine Drive, Los Altos, CA 94024 (US). KISELEV, Oleg; 555 Bryant, #333, Palo Alto, CA 94303 (US). KARR, Ronald, S.; 333 Ramona Street, Palo Alto, CA 94301 (US). PENDHARKAR, Niranjan, S.; A/3, Manish Apts., S.No. 148/150/151/PT6MP1, Sanghavi Nagar, Aundh, Pune -411007, Maharashtra (IN).

(74) STEPHENSON, Eric, A.; Campbell Stephenson Ascolese, LLP, 4807 Spice Wood Springs Road, Building 4, Suite 201, Austin, TX 78759 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 03/096158 (13) A2

(21) PCT/US03/14714

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,308 10 May/mai 2002 US (10.05.2002)

(30) 60/379,833 11 May/mai 2002 US (11.05.2002)

(30) 60/452,319 5 Mar/mar 2003 US (05.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR ASSEMBLING PRINTED CIRCUIT BOARDS

- PROCEDE ET APPAREIL D'ASSEMBLAGE DE CARTES DE CIRCUITS IMPRIMES

(71) RETURN ON INVESTMENT LTD. [IL/IL]; 76 Jasmine Street, 90805 Mevasseret Zion (IL).

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

(72, 75) GIBERMAN, Eldad [IL/IL]; 76 Jasmine Street, 90805 Mevasseret Zion (IL). ROGERS, Steven, R. [US/IL]; 49 Moshav Beit Gamliel D.N., Emek Sorek (IL).

(74) WESEMAN, James, C.; The Law Offices of James C. Weseman, Suite 1600, 401 West A Street, San Diego, CA 92101 (US).

(81) CN IL 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 G06F

(11) WO 03/096159 (13) A2

(21) PCT/US03/14718

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,522 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR ENABLING ELECTRONIC TRANSACTIONS VIA A PERSONAL DEVICE

• PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER DES TRANSACTIONS ELECTRONIQUES VIA UN DISPOSITIF PERSONNEL

(71) KESTREL WIRELESS, INC. [US/US]; 4141 Jutland Drive, Suite 201, San Diego, CA 92117 (US).

(72) ATKINSON, Paul; 1810 Oak Avenue, Carlsbad, CA 92008 (US).

(74) DINH, Truong, T.; Dinh & Associates, 2506 Ash Street, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 03/096160 (13) A2

(21) PCT/US03/14733

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,241 10 May/mai 2002 US (10.05.2002)

(30) 60/401,175 5 Aug/août 2002 US (05.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • KEYPADS WITH MULTI-FUNCTION KEYS

• CLAVIERS A TOUCHES MULTIFONCTIONS

(71) DIGIT WIRELESS, LLC [US/US]; 1770 Massachusetts Avenue, Suite 177, Cambridge, MA 02140 (US).

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

(72, 75) LEVY, David, H. [US/US]; 16 Blake Street, Cambridge, MA 02140 (US).

(74) BABINEAU, James, W.; 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).

(51)⁷ G06F

(11) WO 03/096161 (13) A2

(21) PCT/US03/14820

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,962 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF AND APPARATUS FOR INTERACTIVE SPECIFICATION OF MANUFACTURED PRODUCTS CUSTOMIZED WITH DIGITAL MEDIA

• PROCEDE ET APPAREIL DESTINES A LA SPECIFICATION INTERACTIVE DE PRODUITS MANUFACTURES PERSONNALISES AU MOYEN DE SUPPORTS NUMERIQUES

(71) CONFOTI, INC. [US/US]; 186 North Sunnyvale Avenue, Sunnyvale, CA 94086 (US).

(72) BURMESTER, Christopher, P.; 4665 Benevides Avenue, Oakland, CA 94602 (US). WAYSHAK, Corinne; 1721 Holt Corinne, Los Altos, CA 94024 (US). MITCHELL, Geoffrey, S.; 311 Carlton Avenue, Los Gatos, CA 95032 (US). LASSMAN, Ruth, M.; 1551 Redwood Court, Mountain View, CA 94041 (US).

(74) OWENS, Jonathan, O. et al. / etc.; Haverstock & Owens LLP, 162 North 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 G06F

(11) WO 03/096162 (13) A2

(21) PCT/US03/14826

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,561 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATED TRANSACTION PROCESSING SYSTEM AND APPROACH
• SYSTEME ET APPROCHE DE TRAITEMENT DE TRANSACTION AUTOMATISEES

(71) US BANCORP [US/US]; 601 Second Avenue South, Minneapolis, MN 55402-4302 (US).

(72) HAHN-CARLSON, Dean, W.; 1423 Highland Parkway, St. Paul, MN 55116 (US). LANGER, Richard, G.; 10530 202nd Street West, Lakeville, MN 55044 (US). ARMSTRONG, Kevin, A.; 14333 Bataan St. NE, Ham Lake, MN 55304 (US). XIE, Weiwen; 8288 Enclave Road, Woodbury, MN 55125 (US).

(74) CRAWFORD, Robert, J.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096163 (13) A2

(21) PCT/US03/14870

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/378,946 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MANAGEMENT OF INFORMATION FLOW AND WORKFLOW IN MEDICAL IMAGING SERVICES

• GESTION DE FLUX D'INFORMATIONS ET TRANSITION DES SERVICES D'IMAGERIE MEDICALE

(71) DUXLINK, INC. [US/US]; 520 Collings Avenue, Suite B-919, Collingswood, NJ 08107 (US).

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

(72, 75) SHEN, Michael, Y. [US/US]; 520 Collings Avenue, Suite B-919, Collingswood, NJ 08107 (US).

(74) HAYDEN, John, F.; Fish & Richardson P.C., 1425 K Street, NW, 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 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

(11) WO 03/096164 (13) A2

(21) PCT/US03/14872

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/141,311 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEDICAL INFORMATION SYSTEM

• SYSTEME D'INFORMATIONS MEDICALES

(71, 72) KIM, Back [KR/US]; 11 Lake Road West, Lake Success, NY 11020 (US).

(74) MESSINA, Gerard, A. et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096165 (13) A2

(21) PCT/US03/14942

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,031 13 May/mai 2002 US (13.05.2002)

(30) 10/183,081 27 Jun/juin 2002 US (27.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PAID ACCESS TO A LOCAL AREA NETWORK

• ACCES PAYE A UN RESEAU LOCAL

(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) RAMASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US). WANG, Charles, Chuanming [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US). ZHANG, Junbiao [CN/US]; 20 Jenna Drive, Bridgewater, NJ 08807 (US). MODY, Sachin, Satish [IN/US]; 708 White Pine Circle, Lawrenceville, NJ 08648 (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).

(51)⁷ G06F

(11) WO 03/096166 (13) A2

(21) PCT/US03/15021

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/145,515 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR REPORTING MULTI-ACCOUNT ASSET ALLOCATION

• SYSTEME ET PROCEDE PERMETTANT D'ETABLIR UN RAPPORT DE L'ALLOCATION D'ACTIF DE COMPTES MULTIPLES

(71) MYCFO, INC. [US/US]; 1700 Seaport Boulevard, 4th Floor, Redwood City, CA 94063 (US).

(72) BAXLEY, Robert, H.; 545 Barron Street, Menlo Park, CA 94025 (US). COYLE, Jeffery, L.; 414 Paseo de la Concha, Redondo Beach, CA 90277 (US). DORAN, Jerome; 49 Missouri Street, #2, San Francisco, CA 94107 (US). REDFERN, Joff; 241 Iris Way, Palo Alto, CA 94303 (US).

(74) MORRIS, Francis, E. 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 G06F 1/00

(11) WO 03/096167 (13) A2

(21) PCT/DE03/01460

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 21 257.0 13 May/mai 2002 DE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETECTING EVENTS, SOFTWARE PROGRAM AND DETECTION DEVICE

• PROCEDE PERMETTANT DE DETECTER DES EVENEMENTS, PROGRAMME LOGICIEL ET DISPOSITIF DE DETECTION

(71, 72) ZSCHOCKE, Bernhard, C. [DE/DE]; Hardter Strasse 56, 41179 Mönchengladbach (DE).

(74) WAGNER, Mario; Priesmeyer & Wagner, Technologiezentrum am Europaplatz, Dennewartstrasse 25-27, 52068 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 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 :

(s) for all designations / pour toutes les désignations

(51)⁷ G06F 1/00

(11) WO 03/096168 (13) A2

(21) PCT/IL03/00352

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 149583 9 May/mai 2002 IL (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE AUTOMATIC SETTING AND UPDATING OF A SECURITY POLICY

• PROCEDE PERMETTANT LA DEFINITION ET LA MISE A JOUR AUTOMATIQUE D'UNE POLITIQUE DE SECURITE

(71) KAVADO INC. [US/US]; 130 West 42nd Street, Suite 850, New York, NY 10036 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEN-ITZHAK, Yuval [IL/IL]; 92A Stern Street, 55602 Kiron (IL).

(74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer-Sheva (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 1/00**
- (11) **WO 03/096169** (13) A2
- (21) PCT/US03/14568
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 10/144,048 **10 May/mai 2002** US
(10.05.2002)
- (30) 60/380,409 **13 May/mai 2002** US
(13.05.2002)
- (30) 10/170,591 **14 Jun/juin 2002** US
(14.06.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS AND SYSTEMS FOR PRO-
VIDING A SECURE APPLICATION EN-
VIRONMENT USING DERIVED USER
ACCOUNTS
- PROCEDES ET SYSTEMES PERMET-
TANT DE FOURNIR UN ENVIRON-
NEMENT D'APPLICATION SECURISE
UTILISANT DES COMPTES EN PRO-
VENANCE D'UTILISATEUR
- (71) **GREEN BORDER TECHNOLOGIES**
[US/US]; 331 Fairchild Drive, Mountain
View, CA 94043 (US).
- (72) **ERLINGSSON, Ulfar**; 2530 Fillmore Street
#12, San Francisco, CA 94115 (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).
-
- (51)⁷ **G06F 1/32**
- (11) **WO 03/096170** (13) A2
- (21) PCT/US03/10428
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) en (26) en
- (30) 10/143,406 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POWER MANAGEMENT FOR AN IN-
TEGRATED GRAPHICS DEVICE

- GESTION DE PUISSANCE POUR DIS-
POSITIF GRAPHIQUE INTEGRE
- (71) **INTEL CORPORATION** [US/US]; 2200
Mission College Boulevard, Santa Clara, CA
95052 (US).
- (72) **CUI, Ying**; 900 High School Way, #2115,
Mountain View, CA 94041 (US). **SAM-
SON, Eric**; PO Box 963, Folsom, CA 95763
(US). **BERKOVITS, Ariel**; Yuvalim 240,
20142 Yuvalim (IL). **NAVALE, Aditya**; 4215
Flushing Place, El Dorado Hills, CA 95762
(US). **WYATT, David**; 1314 Vanna Court,
San Jose, CA 95131 (US). **CLINE, Leslie**;
649 Madrone Avenue, Sunnyvale, CA 94085
(US). **TSANG, Joseph**; 5304 Blue Sapphire
Court, Elk Grove, CA 95758 (US). **BLAKE,
Mark**; 1058 Wilsham Drive, San Jose, CA
95132 (US). **POISNER, David**; 205 Penry
Square, Folsom, CA 95630 (US). **STEVENS,
William, Jr.**; 109 Prisser Way, Folsom, CA
95630 (US). **SAR-DESSAI, Vijay**; 885 Hali-
don Way, #1418, Folsom, CA 95630 (US).
- (74) **MALLIE, Michael, J.**; Blakey Sokoloff
Taylor & Zafman, 12400 Wilshire Boulevard,
7th Floor, Los Angeles, CA 90025 (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 **G06F 3/00, G10L 17/00, G09B 5/06**
- (11) **WO 03/096171** (13) A1
- (21) PCT/IB03/01816
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 102 21 490.5 **14 May/mai 2002** DE
(14.05.2002)
- (30) 102 49 060.0 **22 Oct/oct 2002** DE
(22.10.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DIALOG CONTROL FOR AN ELEC-
TRIC APPARATUS
- COMMANDE A DIALOGUE POUR UN
APPAREIL ELECTRIQUE
- (71) **PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH** [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (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 DE US)
- (72, 75) **OERDER, Martin** [DE/DE]; Philips In-
tellectual Property & Standards GmbH, Weis-
shausstrasse 2, 52066 Aachen (DE).
- (74) **MEYER, Michael**; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstrasse 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 **G06F 3/00**
- (11) **WO 03/096172** (13) A1
- (21) PCT/SE03/00747
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 0201434-8 **10 May/mai 2002** SE
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • APPARATUS FOR GENERATING
COMMAND SIGNALS TO AN ELEC-
TRONIC DEVICE
- DISPOSITIF POUR PRODUIRE DES
SIGNAUX DE COMMANDE ET LES
TRANSMETTRE A UN DISPOSITIF
ELECTRONIQUE
- (71, 72) **DRYSELIUS, Henrik** [SE/SE];
Bergviksvägen 75, S-167 63 Bromma (SE).
DRYSELIUS, Staffan [SE/SE]; Läbygatan
12, S-752 39 Uppsala (SE). **NILSSON, Tor-
björn** [SE/SE]; Kummelvägen 29, S-167 64
Bromma (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).
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- (51)⁷ **G06F 3/00, H04N 7/14, 7/173**
- (11) **WO 03/096173** (13) A1
- (21) PCT/US02/38091
- (22) **26 Nov/nov 2002 (26.11.2002)**
- (25) en (26) en
- (30) 60/376,192 **29 Apr/avr 2002** US
(29.04.2002)
- (30) 10/137,995 **3 May/mai 2002** US
(03.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ACCESSING TELEVISION SERVICES
TECHNICAL FIELD
- ACCES AUX SERVICES DE TELEVI-
SION

(63) US 10/137,995 (CIP)
3 May/mai 2002 (03.05.2002)

(71) SEACHANGE INTERNATIONAL, INC. [US/US]; 124 Acton Street, Maynard, MA 01754 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BREEN, George, Edward [US/US]; 315 Maple Avenue, Wyncote, PA 19095 (US). KRAIMAN, Stephen, Jay [US]; 2461 Greensward South, Warrington, PA 18976 (US).

(74) FEIGENBAUM, David et al. / etc.; 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 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).

(51)⁷ G06F 3/033

(11) WO 03/096174 (13) A1

(21) PCT/SE03/00779

(22) 13 May/mai 2003 (13.05.2003)

(25) sv (26) en

(30) 0201457-9 14 May/mai 2002 SE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTROL ARRANGEMENT FOR A CURSOR
• AGENCEMENT DE COMMANDE DE CURSEUR

(71, 72) LAURELL, Christer [SE/SE]; Pyrolavägen 27, S-18160 LIDINGÖ (SE).

(74) BERGENSTRÄHLE & LINDVALL AB; Box 17704, S-11893 S'ÖCKHOLM (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 G06F 3/06

(11) WO 03/096175 (13) A1

(21) PCT/KR03/00862

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10-2002-0026576 14 May/mai 2002 KR
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR REPRODUCING INFORMATION STORED ON A DATA RECORDING MEDIUM IN AN INTERACTIVE NETWORKED ENVIRONMENT

• SYSTEME ET PROCEDE DESTINES A REPRODUIRE DES INFORMATIONS STOCKEES SUR UN SUPPORT D'ENREGISTREMENT DE DONNEES DANS UN ENVIRONNEMENT INTERACTIF EN RESEAU

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(72) YOON, Woo-Seong; 102-701, Geukdong Apt., Teogyewon-myun, Namyangjoo-si, Kyonggi-do 472-744 (KR). YOO, Jea-Yong; C-306, Maebong Samsung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). KIM, Tae-Ho; 102, 121 Bunji, Hyochang-dong, Yongsan-gu, Seoul 140-120 (KR). ALEXANDRE, Limonov; 103-109, Kolong Apt., Woomyun-dong, Seocho-gu, Seoul 137-784 (KR). UM, Soung-Hyun; 18-701, Samho Apt., Bisan-dong, Dongan-gu, Anyang, Kyonggi-do 431-050 (KR).

(74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-gu, Seoul 135-272 (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 G06F 3/06

(11) WO 03/096176 (13) A1

(21) PCT/KR03/00915

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 2002-0026575 14 May/mai 2002 KR
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR SYNCHRONOUS REPRODUCTION OF LOCAL AND REMOTE CONTENT IN A COMMUNICATION NETWORK

• SYSTEME ET PROCEDE DE REPRODUCTION SYNCHRONES DE CONTENU LOCAL ET A DISTANCE DANS UN RESEAU DE COMMUNICATION

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(72) ALEXANDRE, Limonov; 103-109, Kolong Apt., Woomyun-dong, Seocho-gu, Seoul 137-784 (KR). KIM, Tae Ho; 102, 121 Bunji, Hyochang-dong, Yongsan-gu, Seoul 140-120

(KR). UM, Soung Hyun; 18-701, Samho Apt., Bisan-dong, Dongan-gu, Anyang, Kyonggi-do 431-050 (KR). YOON, Woo Seong; 102-701, Geukdong Apt., Teogyewon-myun, Namyangjoo-si, Kyonggi-do 472-744 (KR). YOO, Jea Yong; C-306, Maebong Samsung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR).

(74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, 413-4 Dogok 2-dong, Kangnam-gu, Seoul 135-272 (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 G06F 7/00, G11C 11/00

(11) WO 03/096177 (13) A1

(21) PCT/US03/13754

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 10/144,319 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF COMPUTING WITH DIGITAL MULTISTATE PHASE CHANGE MATERIALS

• PROCEDES DE CALCUL FAISANT APPEL A DES MATERIAUX A CHANGEMENT DE PHASE ET MULTI-ETATS NUMERIQUES

(71) ENERGY CONVERSION DEVICES, INC. [US/US]; 2956 Waterview Drive, Rochester Hills, MI 48309 (US).

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

(72, 75) OVSHINSKY, Stanford, R. [US/US]; 2700 Squirrel Road, Bloomfield Hills, MI 48309 (US). LIVESEY, Alastair, K. [GB/US]; 4503 Walden Drive, Bloomfield Hills, MI 48301 (US).

(74) BRAY, Kevin, L. et al. / etc.; Energy Conversion Devices, Inc., 2956 Waterview Drive, Rochester Hills, MI 48309 (US).

(81) AU BR CA CN IN JP KR MX NO RU SG 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).

Published / Publiée : (c)

(51)⁷ G06F 7/00, 17/60

(11) WO 03/096178 (13) A1

(21) PCT/US03/14555

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,372 10 May/mai 2002 US
(10.05.2002)

(30) 10/256,737 **26 Sep/sep 2002** US
(26.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CLOSED LOOP COLLECT ON DELIVERY (C.O.D.) PAYMENTS

• PAIEMENTS CONTRE REMBOURSEMENT DE TYPE FERME

(71) PITNEY BOWES INC [US/US]; 1 Elmcroft Road, Stamford, CT 06926 (US).

(72) FOTH, Thomas, J.; 5099 Madison Avenue, Trumbull, CT 06611 (US). ADAMS, Steven; 61 Schrade Road, Briarcliff Manor, NY 10510 (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 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)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ G06F 7/00

(11) WO 03/096179 (13) A1

(21) PCT/US03/14588

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,661 **9 May/mai 2002** US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEMS AND METHODS FOR THE PRODUCTION, MANAGEMENT AND SYNDICATION OF THE DISTRIBUTION OF DIGITAL ASSETS THROUGH A NETWORK

• SYSTEMES ET PROCÉDES POUR LA PRODUCTION, LA GESTION, LA SOUSCRIPTION ET LA DISTRIBUTION DE BIENS NUMÉRIQUES PAR LE BIAIS D'UN RESEAU

(71, 72) OREN, Shachar [US/US]; 3852 Commander Drive, Atlanta, GA 30341 (US).

(72) JENNINGS, Peter; 17 Spence Avenue, N.E., Atlanta, GA 30317 (US).

(74) GOLDMAN, Joel, S.; Goldman IP Law, One Lakeside Commons, Suite 990, 990 Hammond Drive, Atlanta, GA 30328 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 7/52

(11) WO 03/096180 (13) A2

(21) PCT/US03/12909

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/140,284 **8 May/mai 2002** US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FAST MULTIPLICATION CIRCUITS

• CIRCUITS DE MULTIPLICATION RAPIDE

(71) INTEL CORPORATION (a Delaware Corporation) (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) HOEJSTED, Erik; Bogholder Alle 488, 1 TH, DK-2720 Vanløse (DK).

(74) O'DOWD, Shawn, W. et al. / etc.; Kenyon & Kenyon, 1500 K Street, NW, Suite 700, 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 G06F 7/58

(11) WO 03/096181 (13) A1

(21) PCT/JP03/05268

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(30) 2002-134682 **9 May/mai 2002** JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RANDOM NUMBER INITIAL VALUE GENERATION DEVICE AND METHOD, RANDOM NUMBER INITIAL VALUE GENERATION PROGRAM

• DISPOSITIF, PROCÉDE ET PROGRAMME DE PRODUCTION DE VALEURS INITIALES DE NOMBRES ALEATOIRES

(71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP). MICRO RESEARCH LABORATORY, INC. [JP/JP]; 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP).

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

(72, 75) IZAWA, Makoto [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). NARITA, Hiromitsu [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). OKAMOTO, Akira [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP).

(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 G06F 7/72

(11) WO 03/096182 (13) A1

(21) PCT/US03/13807

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/140,885 **9 May/mai 2002** US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • "EMOD" A FAST MODULUS CALCULATION FOR COMPUTER SYSTEMS

• EMOD : CALCUL MODULE RAPIDE POUR SYSTEMES INFORMATIQUES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) HOEJSTED, Erik; Bogholder Alle 488, 1 TH, DK-2720 Vanløse (DK).

(74) O'DOWD, Shawn, W. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, 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).

Published / Publiée : (c)

(51)⁷ G06F 9/06, 9/44

(11) WO 03/096183 (13) A1

(21) PCT/JP02/04652

(22) 14 May/mai 2002 (14.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD PERFORMING SPLIT INTO FUNCTION BLOCK

- SYSTEME ET PROCEDE POUR LA REALISATION DE FRACTIONNEMENT DANS UN BLOC DE FONCTION
- (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) MATSUDA, Akio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ZHU, Quang [CN/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) JP US.
-
- (51)⁷ G06F 9/38
- (11) WO 03/096184 (13) A2
- (21) PCT/DE03/01540
- (22) 13 May/mai 2003 (13.05.2003)
- (25) de (26) de
- (30) 102 21 530.8 14 May/mai 2002 DE (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND ARRANGEMENT FOR POWER EFFICIENT CONTROL OF PROCESSORS
- PROCEDE ET DISPOSITIF POUR COMMANDER DES PROCESSEURS AVEC UN RENDEMENT ENERGETIQUE ELEVE
- (71) PHILIPS SEMICONDUCTORS DRESDEN AG [DE/DE]; Am Waldschlösschen 1, 01099 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DRESCHER, Wolfram [DE/DE]; Alaunplatz 2, 01099 Dresden (DE). PORST, Uwe [DE/DE]; Rudolfstrasse 30, 01099 Dresden (DE).
- (74) ADLER, Peter; Patentanwälte Lippert, Stachow, Schmidt & Partner, Krenkelstrasse 3, 01309 Dresden (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).
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- (51)⁷ G06F 9/40
- (11) WO 03/096185 (13) A2
- (21) PCT/GB03/01415
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (30) 10/142,545 9 May/mai 2002 US (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING AND DEALLOCATING PROCESSORS IN A LOGICAL PARTITIONED DATA PROCESSING SYSTEM
- PROCEDE ET APPAREIL POUR AFFECTER ET DESAFFECTER DE MANIERE DYNAMIQUE DES PROCESSEURS DANS UN SYSTEME LOGIQUE PARTITIONNE DE TRAITEMENT DE DONNEES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72) LEE, Van, Hoa; 1103 Pebble Brook Road, Cedar Park, TX 78613 (US). WILLOUGHBY, David; 12818 McNelly Trail, Austin, TX 78732-2275 (US).
- (74) BURT, Roger, James; 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 G06F 9/44
- (11) WO 03/096186 (13) A2
- (21) PCT/US03/13310
- (22) 28 Apr/avr 2003 (28.04.2003)
- (25) en (26) en
- (30) 60/378,872 7 May/mai 2002 US (07.05.2002)
- (30) 60/384,647 31 May/mai 2002 US (31.05.2002)
- (30) 10/209,469 30 Jul/juil 2002 US (30.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROVIDING COMMON MEMORY MANAGEMENT CODE TO OBJECTS THAT ARE INSTANCES OF DIFFERENT CLASSES
- PROCEDE POUR FOURNIR UN CODE DE GESTION DE MEMOIRE COMMUN A DES OBJETS CONSTITUANT DES INSTANCES DE CLASSES DIFFERENTES
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).
- (72) LARI, Mohammed, Shoaib; 3717 Starr King Circle, Palo Alto, CA 94306 (US). KASAMSETTY, Ravikanth; 4631 Maritime Loop, Union City, CA 94587 (CA). KRISHNASWAMY, Srinath; 550 Shannon Way, Apt. #6106, Fremont, CA 94065 (US).
- (74) HICKMAN, Brian, D.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (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 G06F 9/44
- (11) WO 03/096187 (13) A2
- (21) PCT/US03/14999
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 60/379,576 10 May/mai 2002 US (10.05.2002)
- (30) 60/379,686 10 May/mai 2002 US (10.05.2002)
- (30) 10/435,498 9 May/mai 2003 US (09.05.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR SHARING AND NETWORKING OBJECTS
- SYSTEME ET PROCEDE PERMETTANT DE PARTAGER ET DE METTRE EN RESEAUX DES OBJETS
- (71, 72) MURPHY, Reuben, Bruce [US/US]; 180 Newcastle Avenue, Portsmouth, NH 03801 (US). WILLIAMS, Billy, Dennis [US/US]; PO Box 272, Durham, NH 03824 (US).
- (74) TEMPLE, Michelle; Temple Patent Law Office, 57 Hackleboro Road, Canterbury, NH 03224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 :
- (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ G06F 9/45, 13/00, 15/173, 17/00

(11) WO 03/096188 (13) A1

(21) PCT/US03/14313

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,290 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NETWORK DEVICE MANAGEMENT
• GESTION DE DISPOSITIF RESEAU(63) US 10/141,290 (CON)
8 May/mai 2002 (08.05.2002)(71) AASTRA TECHNOLOGIES LIMITED
[CA/CA]; 155 Snow Boulevard, Concord,
Ontario L4K 4N9 (CA).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CHEN, Jin-Rwei [US/US]; 6 Turnbridge
Drive, Nashua, NH 03062 (US). SUBRAMA-
NIAN, Vijay [IN/US]; 182 Parlmont Park,
Billerica, MA 01862 (US).(74) MALONEY, Denis, G.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 9/46

(11) WO 03/096189 (13) A1

(21) PCT/US03/13377

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/142,323 9 May/mai 2002 US
(09.05.2002)(30) 10/142,322 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAL TIME STREAMING MEDIA
COMMUNICATION SYSTEM WITH
IMPROVED SESSION DETAIL COL-
LECTION• SYSTEME DE COMMUNICATION
MULTIMEDIA EN TEMPS REEL AVEC
COLLECTE AMELIOREE DES DE-
TAILS CONCERNANT LES SESSIONS(71) INNOMEDIA PTE LTD. [SG/SG]; 10 Sci-
ence Park Road #03-04, The Alpha, Singa-
pore 117684 (SG).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WU, Jianmin [CN/US]; 1265 N. Cap-
itol Avenue #161, SAn Jose, CA 95132 (US).
LEE, Chih-Ping [US/US]; 10649-B Maple-
wood Drive, Cupertino, CA 95014 (US).(74) OHAGAN, Timothy; 8710 Kilkenny Ct.,
Fort Myers, FL 33912 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT 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 G06F 9/46, H04L 12/56

(11) WO 03/096190 (13) A1

(21) PCT/US03/14637

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,941 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAL-TIME STORAGE AREA NET-
WORK• RESEAU A ZONE DE STOCKAGE EN
TEMPS REEL(71) SILICON GRAPHICS, INC. [US/US]; Le-
gal Department, M/S 710, 1600 Amphitheatre
Parkway, Mountain View, CA 94043-1351
(US).(72) RAYMOND, Michael, J.; Apt. 312, 3575
Lexington Avenue, S., Eagan, MS 55123
(US).(74) GOLLHOFER, Richard, A.; Staas &
Halsey LLP, Suite 500, 700 Eleventh St., NW,
Washington, DC 20001 (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 G06F 11/00

(11) WO 03/096191 (13) A2

(21) PCT/EP03/04904

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,934 11 May/mai 2002 US
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATED SOFTWARE TESTING
SYSTEM AND METHOD• SYSTEME ET PROCEDE POUR L'ES-
SAI AUTOMATIQUE DE LOGICIEL(71) ACCENTURE GLOBAL SERVICES
GMBH [CH/CH]; Geschäftshaus Herre-
nacker 15, CH-8200 Schaffhausen (CH).(72) BARRY, Margaret, Moya; 1422 South
Halsted 2 A, Chicago, IL 60607 (US).
MCEVOY, John, Charles; 6 Lake Drive
Court, Algonquin, IL 60102 (US). STEW-
ART, Matthew, Phillip; 168 N Myrtle Ave,
Villa Park, IL 60181 (US). BOWMAN,
Christine, Ann; 1743 Aspen Drive, Crown
Point, IN 46307 (US).(74) McLEISH, Nicholas, Alistair, Maxwell, et
al. / etc.; Boulton Wade Tennant, Verulam Gar-
dens, 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 G06F 11/20

(11) WO 03/096192 (13) A2

(21) PCT/IB03/01568

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 02076901.4 14 May/mai 2002 EP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HARD DISK DRIVE SYSTEM,
METHOD OF USING SUCH A SYS-
TEM AND APPARATUS• SYSTEME POUR LECTEURS DE
DISQUES DURS, SON PROCEDE
D'UTILISATION ET APPAREIL(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) CUMPSON, Stephen, R. [GB/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). PONSARTS, Filip, D., F. [BE/BE];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). JACOBS, Lambert, H., A.
[BE/BE]; c/o 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).(51)⁷ G06F 11/34

(11) WO 03/096193 (13) A2

(21) PCT/EP03/50076

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 20 341.5 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR DETERMINING PRIORITY-DEPENDENT COMPUTER TIME DISTRIBUTION IN A PRIORITY-CONTROLLED MULTIPROCESS COMPUTING SYSTEM
- PROCEDE POUR DETERMINER LA REPARTITION DU TEMPS DE CALCUL EN FONCTION DE LA PRIORITE DANS UN SYSTEME DE CALCUL MULTIPROCESSUS COMMANDE PAR PRIORITE
- (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, Gerhard [DE/DE]; Schlenweg 4, 93142 Maxhütte-Degldorf (DE). HURICH, Martin [DE/DE]; Ihrlering 37, 93346 Ihrlerstein (DE). NEUMAYER, Josef [DE/DE]; Blumenhang 10, 93356 Teugn (DE). SIBERIL, Thierry [FR/DE]; Watmarkt 4, 93047 Regensburg (DE). ZAHN, Christian [DE/DE]; Ulmenstr. 20 A, 85247 Schwabhausen (DE). ZIEGLER, Herbert [DE/DE]; Waldemar-Scherl-Str. 2, 94369 Rain (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 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).
-
- (51)⁷ G06F 12/00
- (11) WO 03/096194 (13) A1
- (21) PCT/US02/29299
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 60/378,199 6 May/mai 2002 US (06.05.2002)
- (30) 10/187,150 1 Jul/juil 2002 US (01.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHODS AND APPARATUS FOR CONTROLLING A CACHE MEMORY
- PROCEDES ET APPAREIL DE COMMANDE DE MEMOIRE CACHE
- (71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 2-6-21 Minami-aoyama, Minato-ku, Tokyo, 107-0062 (JP).
- (72) MAGOSHI, Hidetaka; c/o Sony computer Entertainment America Inc., 919 E. Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404 (US).
- (74) DERNIER, Matthew, B. 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 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 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 12/02, 9/44
- (11) WO 03/096196 (13) A2
- (21) PCT/US03/13276
- (22) 28 Apr/avr 2003 (28.04.2003)
- (25) en (26) en
- (30) 60/378,871 7 May/mai 2002 US (07.05.2002)
- (30) 60/384,646 31 May/mai 2002 US (31.05.2002)
- (30) 10/209,514 30 Jul/juil 2002 US (30.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SIMPLIFIED DEALLOCATION OF MEMORY FOR PROGRAMMING OBJECTS
- LIBÉRATION DE MÉMOIRE SIMPLIFIÉE POUR OBJETS DE PROGRAMMATION
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).
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- (72) LARI, Mohammed, Shoaib; 3717 Starr King Circle, Palo Alto, CA 94306 (US). KASAMSETTY, Ravikanth; 4631 Maritime Loop, Union City, CA 94587 (CA). KRISHNASWAMY, Srinath; 550 Shannon Way, Apt. #6106, Fremont, CA 94065 (US).
- (74) HICKMAN, Brian, D.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (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).
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- (51)⁷ G06F 12/08
- (11) WO 03/096197 (13) A1
- (21) PCT/US03/12908
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) en (26) en
- (30) 10/140,263 8 May/mai 2002 US (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND SYSTEM FOR OPTIMALLY SHARING MEMORY BETWEEN A HOST PROCESSOR AND GRAPHIC PROCESSOR
- PROCEDE ET SYSTEME DE PARTAGE OPTIMAL DE MEMOIRE ENTRE UN PROCESSEUR HOTE ET UN PROCESSEUR GRAPHIQUE
- (71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) WYATT, David; 1314 Vanna Court, San Jose, CA 95131 (US).
- (74) O'DOWD, Shawn, W.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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, 12/00
- (11) WO 03/096198 (13) A1
- (21) PCT/JP03/03549
- (22) 24 Mar/mar 2003 (24.03.2003)

- (25) ja (26) ja
- (30) 2002-134285 **9 May/mai 2002** JP
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INFORMATION ACCESS DEVICE, INFORMATION ACCESS METHOD, AND RECORDING MEDIUM ON WHICH PROGRAM ALLOWING COMPUTER TO EXECUTE INFORMATION ACCESS METHOD
- DISPOSITIF D'ACCES A DES INFORMATIONS, PROCEDE D'ACCES A DES INFORMATIONS, ET SUPPORT D'ENREGISTREMENT DONT LE PROGRAMME PERMET A UN ORDINATEUR DE METTRE EN OEUVRE LE PROCEDE D'ACCES AUX INFORMATIONS
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAGAWA, Toshihide [JP/JP]; 652, Akebono-ryo, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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, 15/00
- (11) WO 03/096199 (13) A1
- (21) PCT/JP03/05660
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 2002-132808 **8 May/mai 2002** JP
(08.05.2002)
- (30) 2002-170372 **11 Jun/juin 2002** JP
(11.06.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, STORAGE MEDIUM, AND PROGRAM
- APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT D'INFORMATIONS, SUPPORT D'ENREGISTREMENT ET PROGRAMME
- (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) SHIMIZU, Satoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). TANAKA, Shinya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). SAKO, Tsukasa [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, Kioi-cho, 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).
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- (51)⁷ G06F 13/00, H04L 12/56
- (11) WO 03/096200 (13) A1
- (21) PCT/JP03/05715
- (22) 7 May/mai 2003 (07.05.2003)
- (25) ja (26) ja
- (30) 2002/139232 **14 May/mai 2002** JP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DATA STORING METHOD, DATA STORING SYSTEM, DATA RECORDING CONTROL APPARATUS, DATA RECORDING INSTRUCTING APPARATUS, DATA RECEIVING APPARATUS, AND INFORMATION PROCESSING TERMINAL
- PROCEDE DE STOCKAGE DE DONNEES, SYSTEME DE STOCKAGE DE DONNEES, DISPOSITIF DE REGULATION D'ENREGISTREMENT DE DONNEES, DISPOSITIF DE COMMANDE D'ENREGISTREMENT DE DONNEES, DISPOSITIF DE RECEPTION DE DONNEES ET TERMINAL DE TRAITEMENT DE DONNEES
- (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) KATAYAMA, Yasushi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/00
- (11) WO 03/096202 (13) A1
- (21) PCT/US03/14908
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 10/144,658 **13 May/mai 2002** US
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED NETWORK OF PROCESSORS
- PROCEDE ET APPAREIL FOURNISANT UN RESEAU INTEGRE DE PROCESSEURS

- (71) **NVIDIA CORPORATION** [US/US]; 2701 SAN TOMAS EXPRESSWAY, SANTA CLARA, CA 95050 (US).
- (72) **HICOK, Gary, D**; 1061 N. Omaha Circle, Mesa, AZ 85205 (US). **ALFIERI, Robert, A.**; 104 Quarry Place, Chapel Hill, NC 27517 (US).
- (74) **TONG, Kin-Wah**; Moser, Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Suite 100, Shrewsbury, NJ 07702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/40

(11) WO 03/096203 (13) A1

(21) PCT/US03/10429

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/140,631 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE CONTROL AND CONFIGURATION

• COMMANDE ET CONFIGURATION DE DISPOSITIFS

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).(72) **LUSE, Paul**; 979 West Myrtle Drive, Chandler, AZ 85248 (US). **MICHEL, Reinhardt**; Konrad-Zuse Str 9, 74172 Neckarsulm (DE). **MICHEL, Wolfgang**; Erich-Sailer-Strasse 56, 74206 Bad Wimpfen (DE). **BROWN, Mark**; 529 East Horeshoe Avenue, Gilbert, AZ 85296 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 12/14, 17/60, H04L 9/32

(11) WO 03/096204 (13) A1

(21) PCT/JP03/05604

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002/136533 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INFORMATION PROCESSING DEVICE AND METHOD, INFORMATION PROCESSING SYSTEM, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF, PROCÉDE ET SYSTÈME DE TRAITEMENT D'INFORMATIONS, SUPPORT D'ENREGISTREMENT 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) **NAKANO, Takehiko** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KOMURO, Teruyoshi** [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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 G06F 15/00, 17/00

(11) WO 03/096205 (13) A1

(21) PCT/US03/14873

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,127 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TEXT SPACING ADJUSTMENT

• REGLAGE D'ESPACEMENT DE TEXTE

(71) **ADOBE SYSTEMS INCORPORATED** [US/US]; 345 Park Avenue, San Jose, CA 95110 (US).(72) **MENNINGA, Eric, A.**; 311 22nd Avenue, Seattle, WA 98122 (US).(74) **MOLLBORN, Fredrik**; Fish & Richardson P.C., 500 Arguello Street #500, Redwood City, CA 94063 (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 15/16

(11) WO 03/096206 (13) A1

(21) PCT/US03/11026

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/142,218 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND SYSTEMS FOR PROCESSING NETWORK DATA PACKETS

• PROCÉDES ET SYSTÈMES DE TRAITEMENT DE PAQUETS DE DONNÉES RESEAU

(71) **INKRA NETWORKS, INC.** [US/US]; 40971 Encyclopedia Circle, Fremont, CA 94538 (US).(72) **HANSELL, Jeffrey, Stuart**; 5389 Reseda Circle, Fremont, CA 94538 (US). **ROBERTS, David, Gary**; 40802 Capa Drive, Fremont, CA 94539 (US). **KUMAR, Mahesh**; 5009 Oak Hollow Terrace, Fremont, CA 94536 (US). **SHEKOKAR, Praveen, Ghanashyam**; 1111 Reed Avenue, Apt. C, Sunnyvale, CA 94086 (US). **WONG, Kalaine**; 405 Harrington Court, Los Altos, CA 94024 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/16

(11) WO 03/096207 (13) A1

(21) PCT/US03/13813

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/380,158 6 May/mai 2002 US (06.05.2002)

(30) 10/409,284 8 Apr/avr 2003 US (08.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A CONTENT DELIVERY ARCHITECTURE FOR MOBILE ACCES

• ARCHITECTURE DE REMISE DE CONTENU POUR RESEAUX D'ACCES MOBILE

(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) **WU, Tao** [CN/US]; 3 Kimball Court, Apt. 412, Woburn, MA 01801 (US). **AHUJA,**

- Sadhna** [IN/US]; 39 Judith Lane, No. 1, Waltham, MA 02452 (US). **DIXIT, Sudhir, Sharan** [US/US]; 12 Westerly Road, Weston, MA 02493-1151 (US).
- (74) **SPENCE, Andrew 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 (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 **G06F 15/16**
- (11) **WO 03/096208** (13) A1
- (21) PCT/US03/14423
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,485 **10 May/mai 2002 US (10.05.2002)**
- (30) 10/161,114 **31 May/mai 2002 US (31.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • NETWORK VERIFICATION SYSTEMS AND METHODS
• SYSTEMES ET PROCÉDES DE VERIFICATION DE RESEAU
- (71) **STUDENTUNIVERSE.COM** [US/US]; 100 Talcott East, Watertown, MA 02472 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THAMBIDURAI, Sunil** [US]; 235 E. 13th Street, #3K, New York, NY 10003 (US). **CHRISTIANSEN, Tore** [NO/NO]; Biellumveien 7, N-1357 Bekkestua (NO). **ODEGARD, Espen** [US]; 20 Chapel Street, Brookline, MA 02446 (US).
- (74) **OLIVER, Kevin, A. et al. / etc.**; 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 **G06F 15/16**
- (11) **WO 03/096209** (13) A1
- (21) PCT/US03/14440
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,864 **10 May/mai 2002 US (10.05.2002)**
- (30) 10/303,343 **22 Nov/nov 2002 US (22.11.2002)**
- (30) 10/303,379 **22 Nov/nov 2002 US (22.11.2002)**
- (30) 10/303,407 **22 Nov/nov 2002 US (22.11.2002)**
- (30) 10/303,445 **22 Nov/nov 2002 US (22.11.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COOPERATION OF CONCURRENT, DISTRIBUTED NETWORKS OF RESOURCES
• COOPERATION ENTRE RESEAUX DE RESSOURCES REPARTIS CONCURRENTS
- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) **MEREDITH, Gregory, L.**; 505 North 72nd Street, Seattle, WA 98103 (US). **BJORG, Steve**; 8301 158th Place NE, Redmond, WA 98052 (US). **RICHTER, David**; 1235 Taylor Avenue North #3, Seattle, WA 98109 (US).
- (74) **CHU, Peter, D., 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/096210** (13) A1
- (21) PCT/US03/14557
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 60/378,355 **8 May/mai 2002 US (08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR PROVIDING VIDEO TELEPHONY OVER A CABLE ACCESS NETWORK INFRASTRUCTURE
• SYSTEME ET PROCÉDE D'ETABLISSEMENT DE VISIOPHONIE SUR UNE

- INFRASTRUCTURE DE RESEAU A ACCES PAR CABLE
- (71) **STARRETE COMMUNICATIONS, INC.** [US/US]; 19 Ramapo Drive, P.O. Box 5235, Basking Ridge, NJ 07920 (US).
- (72) **CAI, Simin**; 19 Ramapo Drive, P.O. Box 5235, Basking Ridge, NJ 07920 (US).
- (74) **GILLESPIE, Noel C.**; Paul, Hastings, Janofsky & Walker LLP, P.O. Box 919092, San Diego, CA 92191-9092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 03/096211** (13) A1
- (21) PCT/US03/14903
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 10/146,545 **13 May/mai 2002 US (13.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BYTE-LEVEL FILE DIFFERENCING AND UPDATING ALGORITHMS
• ALGORITHMES DE DIFFERENCIATION ET D'ACTUALISATION DE FICHIERS AU NIVEAU OCTET
- (71) **DOONGO TECHNOLOGIES, INC.** [US/US]; 2130 Gold Street, Suite 200, Alviso, CA 95002 (US).
- (72) **GU, Jinsheng**; 182 W. 37th Avenue, San Mateo, CA 94403 (US). **PENG, Luosheng**; 2130 Gold Street, Suite 200, Alviso, CA 95002 (US).
- (74) **GREGORY, Richard, L., Jr.**; Shemwell Gregory & Courtney LLP, 4880 Stevens Creek Blvd., Suite 201, San Jose, CA 95129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 15/16, 15/173

(11) WO 03/096212 (13) A1

(21) PCT/US03/15028

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,381 13 May/mai 2002 US
(13.05.2002)(30) 10/435,797 12 May/mai 2003 US
(12.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EVENT ROUTER AND METHOD
FOR HANDLING EVENTS IN DIS-
TRIBUTED COMPUTING APPLICA-
TIONS• ROUTEUR D'EVENEMENTS ET PRO-
CEDE DE GESTION D'EVENEMENTS
DANS DES APPLICATIONS DE CAL-
CUL DISTRIBUEES(71) VALARAN CORPORATION [US/US];
212 Carnegie Center, Suite 201, Princeton,
NJ 08540 (US).(72) KERR, James; 47 Frost Street, Apt. 2,
Brooklyn, NY 11211 (US). OGG, Michael;
3 Farmington Court, West Windsor, NJ
08550 (US). RICCIARDI, Aleta; 3 Farm-
ington Court, West Windsor, NJ 08550 (US).(74) RUDOLER, Stuart; Wolf, Block, Schorr
and Solis Cohen LLP, 1650 Arch Street, 22nd
Floor, Philadelphia, PA 19103-2097 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, H04Q 7/00

(11) WO 03/096213 (13) A1

(21) PCT/IB03/01818

(22) 10 May/mai 2003 (10.05.2003)

(25) en (26) en

(30) 10/144,279 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RELOCATION OF CONTENT
SOURCES DURING IP-LEVEL HAND-
OFFS• RELOCALISATION DE SOURCES DE
CONTENUS PENDANT LES TRANS-
FERTS AU NIVEAU PROTOCOLE IP(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)(74) WRIGHT, Bradley, C.; 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 UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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 15/177

(11) WO 03/096214 (13) A1

(21) PCT/US03/11421

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 10/141,444 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND SYSTEMS FOR
CHANGING A TOPOLOGY OF A
NETWORK• PROCEDES ET SYSTEMES POUR
CHANGER UNE TOPOLOGIE D'UN
RESEAU(71) INKRA NETWORKS, INC. [US/US];
40971 Encyclopedia Circle, Fremont, CA
94538 (US).(72) ROBERTS, David, Gary; 40802 Capa
Drive, Fremont, CA 94539 (US). HANSELL,
Jeffrey, Stuart; 5389 Reseda Circle, Fre-
mont, CA 94538 (US). KUMAR, Mahesh;
5009 Oak Hollow Terrace, Fremont, CA
94536 (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 17/00

(11) WO 03/096215 (13) A1

(21) PCT/KR03/00914

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-0025794 10 May/mai 2002 KR
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTERNET BROADCASTING SYSTEM
AND METHOD FOR SELF PLAN PRO-
GRAMMING BROADCAST• SYSTEME D'EMISSION INTERNET ET
PROCEDE D'EMISSION SELON UNE
PROGRAMMATION PERSONNELLE(71, 72) SHIN, Ok-Gyun [KR/KR]; 102ho,
780-8 Yeoksam-dong, Kangnam-gu, Seoul
135-080 (KR).(74) KIM, Won-Joon; 5th floor, Shinwon Bldg.,
648-15, Yeoksam-dong, kangnam-gu, Seoul
135-911 (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 G06F 17/00, 19/00

(11) WO 03/096216 (13) A1

(21) PCT/US03/14051

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,508 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INFRARED TOY VIEWING SCOPE
AND GAMES UTILIZING INFRARED
RADIATION• LUNETTE DE VISEE DE JOUET IN-
FRAROUGE ET JEUX DANS LES-
QUELS SONT UTILISES DES RAYON-
NEMENTS INFRAROUGES(71) 4KIDS ENTERTAINMENT LICENS-
ING, INC. [US/US]; 1414 Avenue of the
Americas, New York, NY 10019 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BECK, Stephen, C. [US/US]; 1350
Summit Road, Berkeley, CA 94708-2139
(US).(74) SCILLIERI, John, A.; Birch, Stewart, Ko-
lasch & Birch, LLP, 10940 Wilshire Boule-
vard, 18th Floor, Los Angeles, CA 90024-
3915 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 17/20

(11) WO 03/096217 (13) A2

(21) PCT/GB03/01554

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 10/140,522 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTEGRATED DEVELOPMENT TOOL
FOR BUILDING A NATURAL LAN-
GUAGE UNDERSTANDING APPLICA-
TION

- INSTRUMENT DE DEVELOPPEMENT
INTEGRE PERMETTANT DE PRO-
DUIRE UNE APPLICATION DE COM-
PREHENSION DU LANGAGE NATU-
REL

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NJ 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) EPSTEIN, Mark, Edward; 14 Old Village
Lane, Katonah, NY 10536 (US). JONES,
Sharon, Barbara; 499 North Broadway, Apt.
3-J, White Plains, NY 10603 (US). WARD,
Robert, Todd; 30 Scenic Drive, Apt.Q, Cro-
ton-on-Hudson, NY 10598 (US).(74) FOURNIER, Kevin, John; 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 G06F 17/21

(11) WO 03/096218 (13) A1

(21) PCT/US03/12412

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 60/374,574 22 Apr/avr 2002 US
(22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEMS AND METHODS FOR FA-
CILITATING AUTOMATIC COMPLE-
TION OF AN ELECTRONIC FORM

- SYSTEMES ET PROCEDES FACILI-
TANT LE COMPLETAGE AUTOMA-
TIQUE D'UN FORMULAIRE ELEC-
TRONIQUE

(71) THE CODE CORPORATION [US/US];
11814 South Election Drive, Suite 200,
Draper, UT 84020 (US).(72) HEPWORTH, Paul J.; 12074 South 2160
West, Riverton, UT 84065 (US). POWELL,
George; 11289 South Wyngate Lane, Sandy,
UT 84092 (US).(74) KNOBBE, Louis, J.; Knobbe, Martens, Ol-
son & Bear, LLP, 2040 Main Street, Four-
teenth 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 MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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

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(21) PCT/EP03/50146

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02010324.8 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR PRO-
CESSING CLASSIFIED ADVERTISE-
MENTS

- PROCEDE ET SYSTEME DE TRAITE-
MENT D'ANNONCES CLASSEES

(71) PUBLIGROUPE SA [CH/CH]; Avenue des
Toises 12, CH-1012 Lausanne (CH).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BROUZE, Gabriel-Antoine [FR/FR];
183, Rue de la Confrérie, F-74500 Pub-
lier (FR). DURAND, Didier [FR/FR]; 7,
Rue du Baland, F-25370 Jougue (FR).
REY, Didier [FR/CH]; Vers chez les Favez,
CH-1610 Vuibroye (CH). SARRASIN,
Maurice [CH/CH]; Prés-Beudin 6, CH-1920
Martigny (CH). VUATTOUX, Jean-Luc
[FR/FR]; 157, Rue Cartheray, F-74500 Am-
phion-les-Bains (FR).(74) SAAM, Christophe; Terreaux 7, Case
postale 2848, CH-2001 Neuchâtel (CH).(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) 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 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 G06F 17/30

(11) WO 03/096220 (13) A1

(21) PCT/GB03/01800

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 10/142,673 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA STORE FOR KNOWL-
EDGE-BASED DATA MINING SYS-
TEM

- MAGASIN DE DONNEES POUR SYS-
TEME D'EXPLORATION DE DON-
NEES BASE SUR LA CONNAISSANCE

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).(71) IBM UNITED KINGDOM LIMITED
[GB/GB]; PO Box 41, North Harbour,
Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)(72) DENESUK, Matthew; 1770 Hudson Drive,
San Jose, CA 95124 (US). GRUHL, Daniel,
Frederick; 6675 Dorene Place, San Jose,
CA 95120 (US). MCCURLEY, Kevin,
Snow; 6721 Tannahill Drive, San Jose, CA
95120 (US). MEYER, Joerg; 3193 Kilo
Avenue, San Jose, CA 95124 (US). RA-
JAGOPALAN, Sridhar; 19206 Vineyard
Lane, Saratoga, CA 95070 (US). TOMKINS,
Andrew; 737 Hary Road, San Jose, CA
95120 (US). ZIEN, Jason, Yeong; 928
Wright Avenue No 408, Mountain View, CA
95043 (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 G06F 17/30

(11) WO 03/096221 (13) A1

(21) PCT/GB03/01973

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02253228.7 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA STORAGE SYSTEM INTERFACE

- INTERFACE DE SYSTEMES DE ME-MOIRE DE DONNEES
- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GEORGALAS, Nektarios** [GR/GB]; 5 Scopes Road, Kesgrave, Ipswich, Suffolk IP5 2YE (GB). **FISHER, Michael, Andreja** [GB/GB]; 87 Westerfield Road, Ipswich, Suffolk IP4 2XP (GB). **BRADFORD, Clare** [GB/GB]; 108 Tuddenham Road, Ipswich, Suffolk IP4 2SZ (GB).
- (74) **NASH, Roger, William**; BT Group Legal Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (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 17/30**
- (11) **WO 03/096222** (13) A2
- (21) PCT/JP03/04879
- (22) **17 Apr/avr 2003 (17.04.2003)**
- (25) en (26) en
- (30) 2002-134160 **9 May/mai 2002 (09.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INFORMATION ACQUISITION SYSTEM, INFORMATION ACQUISITION METHOD, AND IMAGE TAKING DEVICE
- SYSTEME D'ACQUISITION D'INFORMATIONS, PROCÉDE D'ACQUISITION D'INFORMATIONS ET DISPOSITIF DE PRISE D'IMAGES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) **TATSUMI, Hidenori**; 25-30-301, Saijonishihonmachi, Higashihiroshima-shi, Hiroshima 739-0043 (JP). **UEDA, Eiji**; 227-1, Uchinoumi, Yasuuracho, Toyota-gun, Hiroshima 729-2507 (JP). **HANAURA, Toshitaka**; 1-26-18-303, Takata, Nishi-ku, Hiroshima-shi, Hiroshima 733-0851 (JP).
- (74) **OGASAWARA, Shiro**; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) CN.
- (84) EP (AT BE 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 17/30, C12M 1/00, C12N 15/00**
- (11) **WO 03/096223** (13) A1
- (21) PCT/JP03/05893
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) ja (26) ja
- (30) 2002-136164 **10 May/mai 2002 (10.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MUTANT SEQUENCE ANALYZER
- ANALYSEUR DE SEQUENCES MUTANTES
- (71) **CELESTAR LEXICO-SCIENCES, INC.** [JP/JP]; Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IMAI, Kensaku** [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). **HORAI, Naoyuki** [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). **DOI, Hirofumi** [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP).
- (74) **SAKAI, Hiroaki et al.** / etc.; Tokyo Club Building, 2-6, Kasumigasaki 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).
- Published / Publiée : (c)
-
- (51)⁷ **G06F 17/30, 3/00, 13/00**
- (11) **WO 03/096224** (13) A1
- (21) PCT/JP03/05957
- (22) **13 May/mai 2003 (13.05.2003)**
- (25) ja (26) ja
- (30) 2002-137556 **13 May/mai 2002 (13.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • WEB PAGE READING METHOD
- PROCÉDE DE LECTURE DE PAGE WEB
- (71) **NAP DIGITAL COMMUNICATIONS, INC.** [JP/JP]; Akushisu chofu 601, 40-2, Fuda 1-chome, Chofu-shi, Tokyo 182-0024 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (71) **LIBERABIT INC** [JP/JP]; IBUKIHOUSE 2-101, 12-14., Minamiazabu 5-chome., Minato-ku., Tokyo 106-0047 (JP). *(only for / seulement pour US)*
- (72, 75) **KIKUTA, Takaaki** [JP/JP]; c/o NAP DIGITAL COMMUNICATIONS, INC., Akushisu chofu 601, 40-2, Fuda 1-chome, Chofu-shi, Tokyo 182-0024 (JP). **SHIGA, Yuuta** [JP/JP]; c/o NAP DIGITAL COMMUNICATIONS, INC., Akushisu chofu 601, 40-2, Fuda 1-chome, Chofu-shi, Tokyo 182-0024 (JP).
- (74) **KAWAGUCHI, Yoshiyuki et al.** / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihobashi 3-chome, Chuo-ku, Tokyo 103-0004 (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).
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- (51)⁷ **G06F 17/30**
- (11) **WO 03/096225** (13) A2
- (21) PCT/US03/12331
- (22) **22 Apr/avr 2003 (22.04.2003)**
- (25) en (26) en
- (30) 10/139,459 **6 May/mai 2002 (06.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COLLABORATIVE CONTEXT INFORMATION MANAGEMENT SYSTEM
- SYSTEME DE GESTION D'INFORMATIONS DE CONTEXTES COLLABORATIFS
- (71) **IDEAPIVOT CORPORATION** [US/US]; 7280 Eagle Rock Drive, Littleton, CO 80125 (US).
- (72) **SHEA, Gabriel, O.**; 7280 Eagle Rock Drive, Littleton, CO 80125 (US). **PSALTIS, Andrew, G.**; 7280 Eagle Rock Drive, Littleton, CO 80125 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 17/30, 9/46**
- (11) **WO 03/096226** (13) A1
- (21) PCT/US03/13326
- (22) **29 Apr/avr 2003 (29.04.2003)**
- (25) en (26) en

- (30) 60/379,899 **10 May/mai 2002** US
(10.05.2002)
- (30) 10/263,493 **2 Oct/oct 2002** US
(02.10.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PROVIDING A USEABLE VERSION OF THE DATA ITEM
• FOURNITURE D'UNE VERSION UTILISABLE D'UN ELEMENT DE DONNEE
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).
- (72) GANESH, Amit; 1426 Brookglen Drive, San Jose, CA 95129 (US). VEMURI, Srinivas, S.; 635 Catamaran Street #3, Foster City, CA 94404 (US). BAMFORD, Roger, J.; 555 Manzanita Way, Woodside, CA 94062 (US).
- (74) HICKMAN, Bryan, D.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Francisco, CA 95125 (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).

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- (51)⁷ G06F 17/30
- (11) WO 03/096227 (13) A2
- (21) PCT/US03/14431
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 10/140,818 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR CHANGE DATA CAPTURE IN A DATABASE SYSTEM
• PROCEDE ET APPAREIL DE CHANGEMENT DE SAISIE DE DONNEES DANS UN SYSTEME DE BASE DE DONNEES
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, M/S 50P7, Redwood Shores, CA 94065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NORCOTT, William, D. [US/US]; 18 Powers Road, Hollis, NH 03049 (US). BREY, Michael [—/US]; c/o Oracle International Corporation, 500 Oracle Parkway, Redwood Shores, CA 94065 (US). GALANES, John [—/US]; c/o Oracle International Corporation, 500 Oracle Parkway, Redwood Shores, CA 94065 (US). BINGHAM, Paula [—/US]; c/o Oracle International Corporation, 500 Oracle Parkway, Redwood Shores, CA 94065 (US). GUZMAN, Raymond [—/US]; c/o Oracle International Corporation, 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

- (74) CARLSON, Stephen, C. et al. / etc.; Dithavong & Carlson, P.C., 10507 Braddock Rd, Suite A, Fairfax, VA 22032 (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 UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, G02B 21/36, H04N 1/21, 1/04
- (11) WO 03/096228 (13) A1
- (21) PCT/US03/14583
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 10/143,735 **10 May/mai 2002** US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • VIDEO MICROSCOPY SYSTEM AND MULTI-VIEW VIRTUAL SLIDE VIEWER CAPABLE OF SIMULTANEOUSLY ACQUIRING AND DISPLAYING VARIOUS DIGITAL VIEWS OF AN AREA OF INTEREST LOCATED ON A MICROSCOPIC SLIDE
• SYSTEME DE MICROSCOPIE VIDEO ET VISIONNEUR DE DIAPPOSITIVES VIRTUELLES MULTIVUE POUVANT ACQUERIR ET AFFICHER SIMULTANEMENT DIVERSES VUES NUMERIQUES D'UNE ZONE ETUDIEE SITUEE SUR UNE LAME DE MICROSCOPE

- (71) TRIPATH IMAGING, INC. [US/US]; 780 Plantation Drive, Burlington, NC 27215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAHM, Thomas [DE/US]; 204 Earl Drive, Burlington, NC 27244 (US). DÖRRER, Rainer [DE/DE]; Neumattweg 50, 79379 Müllheim-Vögisheim (DE). SCHMID, Joachim [DE/US]; 320 St. Thomas Drive, Chapel Hill, NC 27517 (US).

- (74) RANSOM, W., Kevin et al. / etc.; Alston & Bird LLP, Suite 4000, Bank of America Plaza, 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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096229 (13) A2
- (21) PCT/US03/14709
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 10/140,511 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SCALABLE VIDEO SUMMARIZATION AND NAVIGATION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE NAVIGATION ET DE REDUCTION VIDEO EVOLUTIFS
- (71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L. P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
- (72) LI, Ying; 2677 Ellendale Place, Apt. 214, Los Angeles, CA 90007 (US). ZHANG, Tong; 1890 Ednamary Way, #D, Mountain View, CA 94040 (US). TRETTER, Daniel, R.; 1533 Calle De Stuarda, San Jose, CA 95118 (US).
- (74) HEMINGER, Susan, E.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. 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 03/096230 (13) A2
- (21) PCT/US03/14834
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (30) 10/144,689 **10 May/mai 2002** US
(10.05.2002)
- (30) Not furnished / 29 Apr/avr 2003 US
non communiqué (29.04.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND MECHANISM OF STORING AND ACCESSING DATA AND IMPROVING PERFORMANCE OF DATABASE QUERY LANGUAGE STATEMENTS
• PROCEDE ET DISPOSITIF POUR LE STOCKAGE DE DONNEES ET L'ACCES AUX DONNEES, ET POUR L'AMELIORATION DE LA PERFORMANCE DES FORMULATIONS DE LANGAGE D'INTERROGATION DE BASE DE DONNEES
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) **POTAPOV, Dmitry, M.**; 3515 Oak Knoll Drive, Redwood City, CA 94062 (US). **OZBUTUN, Cetin**; 360 Elm Street, San Carlos, CA 94070 (US).

(74) **MEI, Peter, C. et al.** / etc.; 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096231** (13) A1

(21) PCT/US03/14867

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,370 **10 May/mai 2002** US (10.05.2002)

(30) 10/431,898 **8 May/mai 2003** US (08.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATABASE SCATTERING SYSTEM

• SYSTEME D'ECLATEMENT DE BASE DE DONNEES

(71) **METAVVERSE CORPORATION** [US/US]; 707 Alexander Road, Suite 204, Princeton, NJ 08540 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KERWIN, Douglas, W.** [US/US]; 4Roosevelt Way, Robbinsville, NJ 08691 (US).

(74) **STONEMAN, Martin, L.**; Stoneman Law Offices, LTD., 3113 North 3rd Street, Phoenix, AZ 85012 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **G06F 17/30**

(11) **WO 03/096232** (13) A1

(21) PCT/US03/14884

(22) **9 May/mai 2003 (09.05.2003)**

(25) en

(26) en

(30) 10/143,381 **10 May/mai 2002** US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXPERT DATABASE FORWARD BACK LINK WEIGHTED ASSOCIATION RULES

• REGLES D'ASSOCIATION PONDEREES DE LIENS ALLER-RETOUR D'UNE BASE DE DONNEES EXPERTES

(71) **AGENTARTS, INC.** [US/US]; 1207 Indiana Street, Unit 3, San Francisco, CA 94107 (US).

(72) **HOSKEN, Benjamin**; 15c Inverleith Street, Hawthorn, Victoria 3122 (AU).

(74) **ROSENBERG, Gerald**; NewTechLaw, 285 Hamilton Avenue, Suite 520, Palo Alto, CA 94301 (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 **G06F 17/50 // 17/60, 17/30**

(11) **WO 03/096233** (13) A1

(21) PCT/FI03/00349

(22) **5 May/mai 2003 (05.05.2003)**

(25) fi (26) en

(30) 20025022 **13 May/mai 2002** FI (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODIFICATION PLANNING ARRANGEMENT

• SYSTEME DE PLANIFICATION DE MODIFICATIONS

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEINO, Jorma** [FI/FI]; Tähtäin 16, FIN-40630 Jyväskylä (FI). **TÄHKÄPÄÄ, Mikko** [FI/FI]; Syrjälänkatu 6 A 56, FIN-40700 Jyväskylä (FI). **AIRAKSI-NEN, Laura** [FI/FI]; Syväsalmentie 218, FIN-40950 Muurame (FI).

(74) **KESPAT OY**; P.O.Box 601, FIN-40101 Jyväskylä (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 **G06F 17/50, 19/00**

(11) **WO 03/096234** (13) A2

(21) PCT/US03/14613

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 60/379,194 **10 May/mai 2002** US (10.05.2002)

(30) Not furnished / 22 Apr/avr 2003 US non communiqué (22.04.2003)

(30) Not furnished / 3 May/mai 2003 US non communiqué (03.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTIMIZATION OF DIE PLACEMENT ON WAFERS

• OPTIMISATION DU PLACEMENT DES SUR LES TRANCHES

(71) **WAFERYIELD, INC.** [US/US]; 937 Liberty Court, Cupertino, CA 95014 (US).

(72) **CADOURI, Eitan**; 937 Liberty Court, Cupertino, CA 95014 (US).

(74) **GLUCK, Jeffrey, W.**; 1201 New York Avenue, N.W., 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096235** (13) A2

(21) PCT/US03/14931

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/379,859 **13 May/mai 2002** US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISCRETE EVENT SIMULATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE SIMULATION D'EVENEMENT DISCRET

(71) **RENSSELAER POLYTECHNIC INSTITUTE** [US/US]; 110 8th Street, Troy, NY 12180-3590 (US).

(72) **SZYMANSKI, Boleslaw, K.**; 6 Hollow Road, Newtonville, NY 12128 (US). **CHEN, Gang**; 2205 14th Street, Troy, NY 12180 (US).

(74) **RUSSAVAGE, Edward, J. et al.** / etc.; 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).

(51)⁷ G06F 17/60

(11) WO 03/096236 (13) A2

(21) PCT/CA03/00685

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,017 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SYSTEM AND METHOD FOR EVALUATING
SECURITIES AND PORTFOLIOS THEREOF

• SYSTEME ET PROCEDE D'EVALUATION DE
TITRES ET PORTEFEUILLES ASSOCIES

- (71) PORTFOLIO AID INC. [CA/CA]; 99
Yorkville Avenue, Suite 300, Toronto, Ontario
M5R 3K5 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) POULTER, John [CA/CA]; 10 Chicora
Avenue, Toronto, Ontario M5R 1T6 (CA).
GILDAY, Neil [CA/CA]; 9 Roxborough
Street West, Toronto, Ontario M5R 1T9
(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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE 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/EP03/03749

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(30) 02010474.1 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ELECTRONIC DATA PROCESSING
SYSTEM AND METHOD OF USING
AN ELECTRONIC DATA PROCESSING
SYSTEM FOR AUTOMATICALLY
DETERMINING A RISK INDICATOR
VALUE

- SYSTEME DE TRAITEMENT DE DONNEES
ELECTRONIQUES ET PROCEDE
D'UTILISATION D'UN SYSTEME
DE TRAITEMENT DE DONNEES
ELECTRONIQUES PERMETTANT
DE DETERMINER AUTOMATIQUEMENT
UNE VALEUR INDICATRICE
DE RISQUE

- (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) BUTTLER, Michael [DE/DE]; Baldeplatz
1, 80469 München (DE). JASIC, Teo
[DE/DE]; Markplatz 6, 65824 Schwalbach
(DE).

- (74) LIESEGANG, Eva et al. / etc.; Boehmert
& Boehmert, Pettenkoferstrasse 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 NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE 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) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 02445054.6 7 May/mai 2002 EP
(07.05.2002)

(30) 60/381,157 16 May/mai 2002 US
(16.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR LOADING AN APPLICATION
IN A DEVICE, DEVICE AND
SMART CARD THEREFOR

• PROCEDE POUR CHARGER UNE APPLICATION
DANS UN DISPOSITIF, DISPOSITIF ET CARTE
INTELLIGENTE PREVUE A CET EFFET

- (71) SONY ERICSSON MOBILE COMMUNICATIONS
AB [SE/SE]; S-221 88 Lund (SE).

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

- (72, 75) ANDERSSON, Stefan [SE/SE];
Koltrastgränd 23, S-230 41 Klägerup (SE).

- (74) AKERMAN, Märten et al. / etc.; Albihts
Malmö AB, P.O. Box 4289, S-203 14 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).

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)

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désignations

(u) for / pour US only / seulement

(51)⁷ G06F 17/60, G09B 7/00, 5/00

(11) WO 03/096239 (13) A2

(21) PCT/EP03/04618

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/142,394 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • TELECOMMUNICATIONS VIRTUAL
SIMULATOR

• SIMULATEUR VIRTUEL DE TELECOMMUNICATION

- (71) ACCENTURE GLOBAL SERVICES
GMBH [CH/CH]; Geschäftshaus Herrenacker
15, CH-8200 Schaffhausen (CH).

- (72) DUPONT, Anne; 7793 South Jersey Way,
Englewood, CO 80112 (US). KOLDYKE,
Brian; 10107 South Nickolas Avenue, Highlands
Ranch, CO 81030 (US).

- (74) HANNA, Peter, William, Derek; Peter
Hanna Associates, 11 Mespil Road, Dublin 4
(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 UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/096240 (13) A2

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(22) 5 May/mai 2003 (05.05.2003)

- (25) en (26) en
- (30) 60/378,719 7 May/mai 2002 US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR FACILITATING DETERMINATION AND EVALUATION OF AND PLACING ORDERS FOR NUTRITIONAL BLEND FORMULATIONS
- SYSTEME ET PROCEDE FACILITANT LA DETERMINATION, L'EVALUATION ET LA COMMANDE DE FORMULATIONS DE MELANGES NUTRITIONNELS
- (71) ROCHE VITAMINS AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CASE, James, Andrew [US/US]; 28 Waters Edge Drive, Sparta, NJ 07871 (US). JONES, Raymond, Alistair [CA/CA]; 1008 11th Street SE, High River, Alberta T1V 1L3 (CA). VENKATANARAYAN, Somashekhar [IN/US]; 42N The Village Green, Budd Lake, NJ 07828 (US).
- (74) MUELLER, Ingrid; 124 Grenzacherstrasse, CH-4070 Basle (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 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 : (i)
- (51)⁷ G06F 17/60
- (11) WO 03/096242 (13) A1
- (21) PCT/GB03/01913
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 02253168.5 7 May/mai 2002 EP
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR SELECTING USER POLICIES
- PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER DES POLITIQUES D'UTILISATEUR
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, LONDON EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHENG, King, Leung, Kennedy [GB/GB]; 95 OAKSTEAD CLOSE, IPSWICH, Suffolk IP4 4HW (GB).
- (74) WALLIN, Nicholas, James; BT GROUP LEGAL INTELLECTUAL PROPERTY DEPARTMENT, Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).
- (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 : (i)
- (51)⁷ G06F 17/60
- (11) WO 03/096241 (13) A2
- (21) PCT/GB02/02207
- (22) 13 May/mai 2002 (13.05.2002)
- (25) en (26) en
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR DETERMINING A PREMIUM FOR AUTOMOBILE INSURANCE
- PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE PRIME D'ASSURANCE AUTOMOBILE
- (71) V.L.M.D. (U.K.) LTD [GB/GB]; Scotia, 32 Fresco Drive, Littleover, Derby DE23 4EG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRINGLE, Dennis, Websdell [GB/GB]; 32 Fresco Drive, Littleover, Derby, DE23 4EG (GB). BRASSEY, Denise, Elizabeth, Joan [GB/GB]; 18 Holland Close, High Cross, Rogerstone, Newport, Gwent NP1 0AU (GB).
- (74) WATKINS, Rosalind, Philippa; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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 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).
- Published / Publiée : (i)
- (51)⁷ G06F 17/60
- (11) WO 03/096242 (13) A1
- (21) PCT/GB03/01913
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 02253168.5 7 May/mai 2002 EP
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR SELECTING USER POLICIES
- PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER DES POLITIQUES D'UTILISATEUR
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, LONDON EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHENG, King, Leung, Kennedy [GB/GB]; 95 OAKSTEAD CLOSE, IPSWICH, Suffolk IP4 4HW (GB).
- (74) WALLIN, Nicholas, James; BT GROUP LEGAL INTELLECTUAL PROPERTY DEPARTMENT, Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).
- (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 : (i)
- (51)⁷ G06F 17/60
- (11) WO 03/096243 (13) A1
- (21) PCT/IS03/00019
- (22) 14 May/mai 2003 (14.05.2003)
- (25) en (26) en
- (30) 6384 14 May/mai 2002 IS
(14.05.2002)
- (30) 60/379,766 14 May/mai 2002 US
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • A METHOD FOR DISPLAYING A MESSAGE ON A COMPUTER-SCREENSAVER
- PROCEDE D'AFFICHAGE D'UN MESSAGE SUR L'ECONOMISEUR D'ECRAN D'UN ORDINATEUR
- (71) HVITA HUSID EHF. [IS/IS]; Brautarholt 8, IS-105 Reykjavik (IS).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BERGMANN, Sindri [IS/IS]; Langholtssvegi 146, IS-104 Reykjavik (IS). GYLFASSON, Hoskuldur, Harri [IS/IS]; Gudrunargotu 11, IS-101 Reykjavik (IS). BJORNSSON, Sverrir [IS/IS]; Ranargotu 46, IS-107 Reykjavik (IS).
- (74) A & P ARNASON; Efstaleiti 5, IS-Reykjavik 103 (IS).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 17/60, B60S 5/00
- (11) WO 03/096244 (13) A1
- (21) PCT/JP02/07100
- (22) 12 Jul/juil 2002 (12.07.2002)
- (25) ja (26) ja
- (30) 2002-136783 13 May/mai 2002 JP
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM FOR PREDICTING DEMAND FOR REPAIR COMPONENT
- SYSTEME DE PREDICTION DE DEMANDE DE COMPOSANT DE REPARATION
- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
- (72) SHINOHARA, Yukio; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
- (74) EHARA, Nozomu et al. / etc.; EHARA & ASSOCIATES, Sakaguchi Bldg., 3-3, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) BR CN IN.
- (51)⁷ G06F 17/60
- (11) WO 03/096245 (13) A1
- (21) PCT/JP03/05574
- (22) 1 May/mai 2003 (01.05.2003)
- (25) ja (26) ja
- (30) 2002-135750 10 May/mai 2002 JP
(10.05.2002)
- (30) 2002-135751 10 May/mai 2002 JP
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INTELLECTUAL PROPERTY RIGHT SELLING/BUYING SYSTEM AND

- METHOD, PROGRAM THEREOF, AND RECORDING MEDIUM
- SYSTEME ET PROCEDE D'ACHAT/DE VENTE DE DROITS DE PROPRIETE INTELLECTUELLE, PROGRAMME CORRESPONDANT ET SUPPORT D'ENREGISTREMENT
- (71) **ALPS ELECTRIC CO., LTD.** [JP/JP]; 1-7, Otsuka-cho, Yukigaya, Ota-ku, Tokyo 145-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANABE, Yukimitsu** [JP/JP]; c/o Alps Electric Co., Ltd., 1-7, Otsuka-cho, Yukigaya, Ota-ku, Tokyo 145-8501 (JP). **KONDO, Yasuo** [JP/JP]; c/o Alps Electric Co., Ltd., 1-7, Otsuka-cho, Yukigaya, Ota-ku, Tokyo 145-8501 (JP). **KOTERA, Yasuo** [JP/JP]; c/o Alps Electric Co., Ltd., 1-7, Otsuka-cho, Yukigaya, Ota-ku, Tokyo 145-8501 (JP). **TAZAWA, Takao** [JP/JP]; c/o Alps Electric Co., Ltd., 1-7, Otsuka-cho, Yukigaya, Ota-ku, Tokyo 145-8501 (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).
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- (51)⁷ **G06F 17/60**
- (11) **WO 03/096246** (13) A1
- (21) PCT/JP03/05703
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) ja (26) ja
- (30) 2002-132040 **7 May/mai 2002 (07.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MEDICAL CARE SUPPORTING SYSTEM AND MEDICAL CARE SUPPORTING METHOD
- SYSTEME DE SOINS MEDICAUX ET PROCEDE DE PRISE EN CHARGE DE SOINS MEDICAUX
- (71, 72) **GOINO, Tadashi** [JP/JP]; 7362-1, Ariake, Hodaka-cho, Minamiazumi-gun, Nagano 399-8301 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) CN 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 **G06F 17/60**
- (11) **WO 03/096247** (13) A1
- (21) PCT/JP03/05842
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) ja (26) ja
- (30) 2002-135943 **10 May/mai 2002 (10.05.2002)** JP
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INSURANCE CONTRACT ACCOUNTING SYSTEM
- SYSTEME DE COMPTABILISATION DE CONTRATS D'ASSURANCE
- (71) **AIOI INSURANCE CO., LTD.** [JP/JP]; 28-1, Ebisu 1-chome, Shibuya-ku, Tokyo 150-8488 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUMINO, Akira** [JP/JP]; 24-31 Kasuga-cho 1-chome, Nerima-ku, Tokyo 179-0074 (JP). **TASAKI, Hiroyuki** [JP/JP]; 378-407, Oonari-cho 4-chome, Kita-ku, Saitama-shi, Saitama 331-0815 (JP).
- (74) **YOSHIDA, Yoshiharu**; Shuwa No.2 Toranomon Building 6F, 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN US.
-
- (51)⁷ **G06F 17/60**
- (11) **WO 03/096248** (13) A1
- (21) PCT/KR02/01230
- (22) **27 Jun/juin 2002 (27.06.2002)**
- (25) en (26) en
- (30) 2002/25581 **9 May/mai 2002 (09.05.2002)** KR
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MARKETING LOTTERY CARD AND METHOD FOR CONSTRUCTING DATABASE USING THE SAME
- BILLET DE LOTERIE A CARACTERE PUBLICITAIRE ET PROCEDE DE CONSTRUCTION D'UNE BASE DE DONNEES A L'AIDE DE CE DERNIER
- (71) **JEUSWORLD CORP.** [KR/KR]; 105, Daeyong Bldg., 1717-4 Seocho-dong, Seocho-gu, Seoul 137-885 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **JEON, Geon-Yong** [KR/KR]; 201, Pearl Villa, 173-1 Bangbae-dong, Seocho-gu, Seoul 122-846 (KR).
- (74) **LEE, Man-Jae**; 3F, Woosung Bldg., 827-47 Yeoksam-dong, Gangnam-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 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 **G06F 17/60**
- (11) **WO 03/096249** (13) A2
- (21) PCT/US01/00024
- (22) **2 Jan/jan 2001 (02.01.2001)**
- (25) en (26) en
- (30) 60/173,714 **30 Dec/déc 1999 (30.12.1999)** US
- (30) 09/750,917 **2 Jan/jan 2000 (02.01.2000)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ON-LINE PRODUCT SEARCHING METHOD AND APPARATUS
- PROCEDE ET APPAREIL DE RECHERCHE DE PRODUITS EN LIGNE
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **SHETTY, Ramkin**; C-103, Usha Kiran Apts., Falnir, Mangalore 575 001, Karnataka (IN). **MCCONNELL, Richard, S., Jr.**; 16609 Beech Hill Drive, Huntersville, NC 28978 (US). **ROHRWASSER, Mark, C.**; 113 Forum Drive, Mooresville, NC 28117 (US). **LINZ, Aaron, M.**; 7017 Beverly Springs Drive, Charlotte, NC 28270 (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 ZW); EA (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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/60**
- (11) **WO 03/096250** (13) A1
- (21) PCT/US03/13905
- (22) **6 May/mai 2003 (06.05.2003)**
- (25) en (26) en
- (30) 60/380,046 **6 May/mai 2002 (06.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD OF ELECTRONIC BILL PRESENTMENT AND PAYMENT WITH DATA MINING AND VISUALIZATION
- SYSTEME ET PROCEDE DE PRESENTATION ET DE PAIEMENT DE FAC-TURE ELECTRONIQUE A FONCTION D'EXPLORATION ET DE VISUALISATION DE DONNEES
- (71, 72) **LEAP, Arnie** [US/US]; 25 Hancock Court, South Setauket, NY 11720 (US).
- (72, 75) **KOENIG, Mike** [US/US]; 79 Horison View Drive, Farmingville, NY 11738 (US). **CASTORO, Mike** [US/US]; 5 Oak Ridge Court, Manorville, NY 11949 (US). **SANTANGELO, Damon** [US/US]; 1170 Orchid Avenue, Bellport, NY 11713 (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 G06F 17/60

(11) WO 03/096251 (13) A2

(21) PCT/US03/14078

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/140,403 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PAYMENT SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE PAIE-
MENT

(71) ELECTRONIC DATA SYSTEMS COR-
PORATION [US/US]; 5400 Legacy Drive,
H3-3A-05, Plano, TX 75024 (US).

(72) SAUER, Hermann; Eichendorffweg 2,
65343 Eltville (DE).

(74) LINEBERRY, Allen, Scott; EDS, 5400
Legacy Drive, H3-3A-05, Plano, TX 75024
(US).

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

(t) for all designations / pour toutes les
désignations

(51)⁷ G06F 17/60

(11) WO 03/096252 (13) A1

(21) PCT/US03/14813

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,846 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PURCHASING ON THE INTERNET
USING VERIFIED ORDER INFORMA-
TION AND BANK PAYMENT ASSUR-
ANCE

• ACHAT SUR INTERNET UTILISANT
DES DONNEES DE COMMANDE VE-
RIFIEES ET UNE ASSURANCE DE
PAIEMENT BANCAIRE

(63) US 09/859,616 (CIP)
16 May/mai 2001 (16.05.2001)

(71) ECARDLESS BANCORP, LTD. [US/US];
P.O. Box 30301, Spokane, WA 99223 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SINES, Randy, D. [US/US]; 4056
S. Madelia, Spokane, WA 99203 (US).
GREGORY, Randy, A. [US/US]; 601 W.
First Avenue, Suite 1300, Spokane, WA
99201-3828 (US).

(74) GREGORY, RANDY, A. et al. / etc.; Wells
St. John P.S., 601 W. First Avenue, Suite
1300, Spokane, WA 99201-3828 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 03/096253 (13) A1

(21) PCT/US03/14945

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/143,477 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BROWSER INTERFACE AND NET-
WORK BASED FINANCIAL SERVICE
SYSTEM

• INTERFACE NAVIGATEUR ET SYS-
TEME DE SERVICES FINANCIERS A
BASE DE RESEAU

(71) UBS PAINWEBBER, INC. [US/US];
1200 Harbor Boulevard, Weehawken, NJ
07087 (US).

(72) MARTONE, Brian, J.; 900 Willow Avenue,
Apartment #7, Hoboken, NJ 07030 (US).
MURPHY, Richard, F.; 860 Bryant Avenue,
New Hyde Park, NY 11040 (US). MURPHY,
Michael, F.; 211 Kinderkamack Road, River
Edge, NJ 07661 (US).

(74) RESTAINO, Leslie Gladstone; Brown
Rayman Millstein Felder and Steiner LLP,
163 Madison Avenue, P.O. Box 1989, Mor-
ristown, NJ 07962-1989 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 17/60

(11) WO 03/096254 (13) A1

(21) PCT/US03/15325

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,562 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND SYSTEM TO SOLVE
DYNAMIC MULTI-FACTOR MODELS
IN FINANCE

• PROCEDE ET SYSTEME DESTINES
A RESOUDRE DES MODELES MUL-
TIFACTORIELS DYNAMIQUES EN
FINANCE

(71, 72) MARKOV, Michael [US/US]; 81 Bal-
tusrol Way, Short Hills, NJ 07078 (US).
MOTTL, Vadim [RU/RU]; Oruzheynaya St.
15, Building 1, 300600 Tula (RU). MUCH-
NIK, Ilya [US/US]; 99 Pond Avenue, Apt.
310, Brookline, MA 02445 (US).

(74) FLOCK, John et al. / etc.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 19/00

(11) WO 03/096255 (13) A2

(21) PCT/US03/14042

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,433 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SIMULATION SYSTEM FOR MEDI-
CAL PROCEDURES

• SYSTEME DE SIMULATION POUR
PROCEDURES MEDICALES

(71) THE JOHNS HOPKINS UNIVERSITY
[US/US]; 720 Rutland Avenue, Baltimore,
MD 21205 (US). INSTITUTE FOR INFO-
COMM RESEARCH [SG/SG]; 21 Heng
Mui Keng Terrace, Singapore 119613 (SG).

(72) ANDERSON, James, H.; 9813 Davidge
Drive, Columbia, MD 21044 (US). VEN-
BRUX, Anthony, C.; 3900 Cathedral Ave.
NW, Apt. 805 A, Washington, DC 20016
(US). MURPHY, Kieran, P.; 119 Beech-
dale Road, Baltimore, MD 21210 (US).
SOLAIYAPPAN, Meiyappan; 3220 Com-
nell Lane, Ellicott City, MD 21042 (US).
CHUI, Chee-Kong; Blk 325 Yishun Central,

- #12-373, S(T6 #325), Singapore 119613 (SG). **LI, Zirui**; Blk 6 #12-16, Holland Close, Singapore 271006 (SG). **MA, Xin**; Blk 702 #11-371, West Coast Road, Singapore 120702 (SG). **WANG, Zhen, L.**; Blk 724, #21-182, Clementi West Street 2, Singapore 119260 (SG).
- (74) **REES, Dianne, Ph., D.**; 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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**
- (11) **WO 03/096256** (13) A1
- (21) PCT/US03/14800
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,229 **9 May/mai 2002 (09.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COMPUTATIONAL DETERMINATION OF ALTERNATIVE SPLICING
• DETERMINATION SUR ORDINATEUR D'UN EPISSAGE ALTERNATIF
- (71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMPATH, Rangarajan** [IN/US]; 12223 Mannix Road, San Diego, CA 92129 (US).
- (74) **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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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**
- (11) **WO 03/096257** (13) A2
- (21) PCT/DE03/01633
- (22) **5 May/mai 2003 (05.05.2003)**
- (25) de (26) de
- (30) 102 20 756.9 **8 May/mai 2002 (08.05.2002)** DE
- (30) 102 26 718.9 **14 Jun/juin 2002 (14.06.2002)** DE
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PRODUCTION METHOD FOR A NUMBER PLATE FOR A MOTOR VEHICLE, NUMBER PLATE FOR A MOTOR VEHICLE AND DEVICE FOR CARRYING OUT SAID METHOD
• PROCEDE DE FABRICATION DE PLAQUES D'IMMATRICULATION DE VEHICULES, PLAQUE D'IMMATRICULATION DE VEHICULES ET DISPOSITIF DE MISE EN OEUVRE DU PROCEDE
- (71) **ERICH UTSCHE AG** [DE/DE]; Marienhütte 49, Industriegebiet Marienhütte, 57080 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BILGER, Wolfgang** [DE/DE]; Sassenweg 33, 57074 Siegen (DE). **WURMBACH, Lothar** [DE/DE]; Friedberger Strasse 4, 57074 Siegen (DE).
- (74) **VORBERG, Jens et al.** / etc.; Lindenallee 43, 50968 Köln (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 **G06K**
- (11) **WO 03/096258** (13) A2
- (21) PCT/US03/15095
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (30) 60/379,646 **10 May/mai 2002 (10.05.2002)** US
- (30) 60/379,704 **10 May/mai 2002 (10.05.2002)** US
- (30) 10/289,962 **6 Nov/nov 2002 (06.11.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • IDENTIFICATION CARD PRINTER-ASSEMBLER FOR OVER-THE-COUNTER CARD ISSUING
• DISPOSITIF D'IMPRESSION ET D'ASSEMBLAGE DE CARTES D'IDENTITE POUR L'EMISSION DE CARTES AU GUICHET
- (71) **DIGIMARC ID SYSTEMS, LLC** [US/US]; 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JONES, Robert** [US/US]; 1 Coventry Lane, Andover, MA 01810 (US). **BI, Daoshen** [US/US]; 58 Loring Avenue, Boxborough, MA 01719 (US). **MAILLOUX, Dennis** [US/US]; 38 Church Street, Westminster, MA 01473 (US).
- (74) **DOWNING, Marianne, McLaughlin**; Digimarc ID Systems, LLC, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 **G06K 5/00**
- (11) **WO 03/096259** (13) A2
- (21) PCT/US03/14380
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 10/140,215 **8 May/mai 2002 (08.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MEDICAL BILLING METHOD AND SYSTEM
• SYSTEME ET PROCEDE DE FACTURATION MEDICALE
- (71) **ADVANCED MEDICAL INTERVENTIONS, INC.** [US/US]; 12000 Kennedy Lane, Suite 104, Fredericksburg, VA 22407 (US).
- (72) **WALSH, Christopher, S.**; 303 Falling Creek road, Fredericksburg, VA 22401 (US). **CROWDER, Robert, Joseph, Jr.**; 207 Riverview Drive, Fredericksburg, VA 22405 (US).
- (74) **HUNT, Jr., Ross, F.**; Larson & Taylor, PLC, Suite 900, 1199 North Fairfax 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 **G06K 9/00**
- (11) **WO 03/096260** (13) A2
- (21) PCT/DE03/01445
- (22) **6 May/mai 2003 (06.05.2003)**

- (25) de (26) de
- (30) 102 21 422.0 **14 May/mai 2002** DE
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AUTHENTICATION WITH BIOMETRIC DATA
• AUTHENTIFICATION AU MOYEN DE DONNEES BIOMETRIQUES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIRCHAUER, Josef [AT/AT]; Eichkögl 91, A-8322 Studenzen (AT). MARIUS, Wolfgang [AT/AT]; Am Rehgrund 18, A-8043 Graz/Kroisbach (AT). RAUNEGGER, Arno [AT/AT]; Hilmgasse 13/6/20, A-8010 Graz (AT).
- (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).
- 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 G06K 9/00
- (11) WO 03/096261 (13) A1
- (21) PCT/DE03/01542
- (22) 13 May/mai 2003 (13.05.2003)
- (25) de (26) de
- (30) 102 21 391.7 **14 May/mai 2002** DE
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR ANALYSING A SCENE AND CORRESPONDING DATA PROCESSING DEVICE AND PROGRAM PRODUCT
• PROCEDE D'ANALYSE D'UNE SCENE, DISPOSITIF DE TRAITEMENT DE DONNEES CORRESPONDANT ET PRODUIT DE PROGRAMME
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CLEMENS, Gerald [DE/DE]; Guldeinstr. 52, 80339 München (DE). LUCAS VERDOY, Carlos [ES/DE]; Hohenschwan-gauplatz 31, 81549 München (DE). MARKE, Matthias [DE/DE]; Breslauer Str. 14, 82194 Gröbenzell (DE). LUKAS, Klaus [DE/DE]; Niemöllerallee 6, 81739 München (DE). GUITARTE PEREZ, Jesús, Fernando [ES/ES]; Ronda del Parque n. 12, 6°C., 44002 Teruel (ES).
- (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 US UZ VC VN YU ZA ZM ZW.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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) G06K 9/00

(11) WO 03/096262 (13) A2

(21) PCT/IL03/00386

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/145,574 **13 May/mai 2002** US
(13.05.2002)

(30) 10/145,575 **13 May/mai 2002** US
(13.05.2002)

(30) 10/152,367 **21 May/mai 2002** US
(21.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR ANALYSIS OF DATA
• SYSTEME ET PROCEDE D'ANALYSE DE DONNEES

(71) MAGNOLIA MEDICAL TECHNOLOGIES LTD. [IL/IL]; C/O Volovelsky, Dinstein & Sneh, Nolton House, 14 Shenkar Street, 46725 Herzelia (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DINSTEIN, Doron [IL/IL]; 12 Openhiemer Street, 69395 Tel Aviv (IL). GORDON, Barak [IL/IL]; 25 Dubnov Street, 75205 Rishon LeZion (IL). GORDON, Goren [IL/IL]; 25 Dubnov Street, 75205 Rishon LeZion (IL).

(74) AGMON, Jonathan et al. / etc.; Soroker-Agmon, Advocates and Patent Attorneys, Levinstein Tower, 12th floor, 23 Petach Tikva Road, 66184 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 G06K 9/00

(11) WO 03/096263 (13) A1

(21) PCT/SE03/00729

(22) 7 May/mai 2003 (07.05.2003)

(25) sv (26) en

(30) 0201366-2 **7 May/mai 2002** SE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICES FOR IDENTITY CHECK
• PROCEDE ET DISPOSITIF DE VERIFICATION D'IDENTITE

(71) PRECISE BIOMETRICS AB [SE/SE]; Scheelevägen 19C, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NORDIN, Björn [SE/SE]; Kollegievägen 2, S-223 74 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) 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 G06K 9/00

(11) WO 03/096264 (13) A1

(21) PCT/US03/13674

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/143,064 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TOMOGRAPHIC RECONSTRUCTION OF SMALL OBJECTS USING A PRIORI KNOWLEDGE

• RECONSTRUCTION TOMOGRAPHIQUE DE PETITS OBJETS A L'AIDE D'UNE CONNAISSANCE <I>A PRIORI</I>

(71) VISIONGATE, INC. [US/US]; 1509 56th Avenue Court NW, Gig Harbor, WA 98335 (US).

(72) NELSON, Alan, C.; 1509 56th Avenue Court NW, Gig Harbor, WA 98335 (US).

(74) LEONE, George, A.; George A. Leone & Associates, 2150 128th Ave NW, Minneapolis, MN 55448 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 G06K 9/20

(11) WO 03/096265 (13) A1

(21) PCT/FR03/01378

(22) 2 May/mai 2003 (02.05.2003)

(25) fr (26) fr

(30) 02/05732 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF PRODUCING A DIGITAL FINGERPRINT SENSOR AND THE CORRESPONDING SENSOR

• PROCEDE DE FABRICATION DE CAPTEUR D'EMPREINTE DIGITALE ET CAPTEUR CORRESPONDANT

(71) ATMEL GRENOBLE S.A. [FR/FR]; Avenue de Rochepleine, F-38120 Saint Egrève (FR).

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(72, 75) BOLIS, Sébastien [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). ROMAN, Cécile [FR/FR]; Thales Intellectual Property, 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 VZ 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); OA (ML).

Published / Publiée : (c)

(51)⁷ G06K 11/00

(11) WO 03/096266 (13) A2

(21) PCT/US03/09298

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/140,209 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR IMPROVING POSITIONED ACCURACY FOR A DETERMINED TOUCH INPUT

• PROCEDE D'AMELIORATION DE LA PRECISION DE POSITION CONCERNANT UNE SAISIE TACTILE DETERMINEE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ROBERTS, Jerry, B.; 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) 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 G06K 11/16, G06F 3/033

(11) WO 03/096267 (13) A1

(21) PCT/US03/08972

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 10/142,118 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BASELINING TECHNIQUES IN FORCE-BASED TOUCH PANEL SYSTEMS

• TECHNIQUES D'ETABLISSEMENT DE DONNEES REPERES APPLIQUEES A DES SYSTEMES D'ECRAN TACTILE FONDES SUR LA FORCE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ROBERTS, Jerry, B.; 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) 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)

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 G06K 19/067

(11) WO 03/096268 (13) A1

(21) PCT/IB03/01214

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 02010143.2 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SECURITY DOCUMENT COMPRISING AN OSCILLATING CIRCUIT

• DOCUMENT DE SECURITE A CIRCUIT OSCILLANT

(71) ORELL FÜSSLI SICHERHEITSDRUCK AG [CH/CH]; Dietzingerstrasse 3, CH-8003 Zürich (CH).

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(72, 75) EICHENBERGER, Martin [CH/CH]; Wybühlstrasse 8, CH-8702 Zollikon (CH).

(74) E. BLUM & CO.; Vorderberg 11, CH-8044 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).

- (51)⁷ G06N 3/04
(11) WO 03/096269 (13) A1
(21) PCT/JP03/00485
(22) 21 Jan/jan 2003 (21.01.2003)
(25) ja (26) ja
(30) 2002-135237 10 May/mai 2002 JP (10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • INFORMATION PROCESSING APPARATUS AND METHOD
• DISPOSITIF ET PROCÉDE DE TRAITEMENT D'INFORMATIONS
(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). RIKEN [JP/JP]; 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ITO, Masato [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TANI, Jun [JP/JP]; c/o RIKEN, 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP).
(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(81) CA US.
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- (51)⁷ G06N 3/04
(11) WO 03/096270 (13) A1
(21) PCT/JP03/00486
(22) 21 Jan/jan 2003 (21.01.2003)
(25) ja (26) ja
(30) 2002-135238 10 May/mai 2002 JP (10.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • INFORMATION PROCESSING APPARATUS AND METHOD
• DISPOSITIF ET PROCÉDE DE TRAITEMENT D'INFORMATIONS
(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). RIKEN [JP/JP]; 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ITO, Masato [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TANI, Jun [JP/JP]; c/o RIKEN, 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP).
(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(81) CA US.
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- (51)⁷ G06T
(11) WO 03/096271 (13) A2
(21) PCT/IL03/00384
(22) 13 May/mai 2003 (13.05.2003)
(25) en (26) en
(30) 60/379,415 13 May/mai 2002 US (13.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • EDGE AND RIDGE IDENTIFICATION
• IDENTIFICATION D'ARETES ET DE CRETES
(63) US 119e of 60/379,415 (CIP) 13 May/mai 2002 (13.05.2002)
(71) VIMATIX TECHNOLOGIES LTD. [GB/GB]; State of Nationality: British Virgin Islands, State of Residence: British Virgin Islands, c/o ERNST & YOUNG TRUST CORP (BVI) LTD., P.O. BOX 3340, ROAD TOWN, TORTOLA (VG).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BRISKIN, Miriam [IL/IL]; 33 EMEK AYALON STREET, 90917 GIVAT-ZEEV (IL). YOMDIN, Yosef [IL/IL]; 57/7 HANASI HARISHON STREET, 76303 REHOVOT (IL). ELICHAH, Yoram [IL/IL]; 13 YAARA STREET, 85338 LEHAVIM (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).
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- (51)⁷ G06T 1/00, 7/00, A61B 5/117
(11) WO 03/096272 (13) A1
(21) PCT/JP03/05696
(22) 7 May/mai 2003 (07.05.2003)
(25) ja (26) ja
(30) 2002-134534 9 May/mai 2002 JP (09.05.2002)
(30) 2002-134569 9 May/mai 2002 JP (09.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD OF DETECTING BIOLOGICAL PATTERN, BIOLOGICAL PATTERN DETECTOR, METHOD OF BIOLOGICAL CERTIFICATE AND BIOLOGICAL CERTIFICATE APPARATUS
• PROCÉDE POUR IDENTIFIER UN MODELE BIOLOGIQUE, DETECTEUR DE MODELE BIOLOGIQUE, PROCÉDE ET DISPOSITIF POUR ETABLIR UN CERTIFICAT BIOLOGIQUE
(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) TAKIGUCHI, Kiyooki [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).
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- (51)⁷ G06T 3/40, H04N 1/387, 7/01, 7/24, G06N 3/00
(11) WO 03/096273 (13) A1
(21) PCT/JP03/05489
(22) 28 Apr/avr 2003 (28.04.2003)
(25) ja (26) ja
(30) 2002-132331 8 May/mai 2002 JP (08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • DATA CONVERSION DEVICE, DATA CONVERSION METHOD, LEARNING DEVICE, LEARNING METHOD, PROGRAM, AND RECORDING MEDIUM
• DISPOSITIF DE CONVERSION DE DONNEES, PROCÉDE DE CONVERSION DE DONNEES, DISPOSITIF D'APPRENTISSAGE, PROCÉDE D'APPRENTISSAGE, PROGRAMME, ET SUPPORT 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) KONDO, Tetsujiro [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 G06T 5/50
(11) WO 03/096274 (13) A2
(21) PCT/IB03/01665
(22) 29 Apr/avr 2003 (29.04.2003)
(25) en (26) en
(30) 102 20 295.8 7 May/mai 2002 DE (07.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD FOR IMPROVING THE IMAGE QUALITY
• PROCÉDE AMÉLIORANT LA QUALITÉ D'UNE IMAGE
(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 Eindhoven (NL).

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

(72, 75) **GRÄBLIN, Ingmar** [DE/DE]; c/o Philips Intellectual Property & Standard GmbH, Weissshausstrasse 2, 52066 Aachen (DE). **SCHÄFFTER, Tobias** [DE/DE]; c/o Philips Intellectual Property & Standard GmbH, Weissshausstrasse 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).

(51)⁷ **G06T 11/00**

(11) **WO 03/096275** (13) A2

(21) PCT/IB03/02315

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210764.7 **10 May/mai 2002 GB (10.05.2002)**

(30) 10/141,797 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GRAPHICS ENGINE WITH EDGE DRAW UNIT, AND ELECTRICAL DEVICE AND MEMORY INCORPORATING THE GRAPHICS ENGINE

• MOTEUR GRAPHIQUE A UNITE D'ALLONGEMENT DE BORD, DISPOSITIF ELECTRIQUE ET MEMOIRE RENFERMANT CE MOTEUR GRAPHIQUE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-Chome, Minatoku, Tokyo 108-8001 (JP). **BITBOYS, OY** [FI/FI]; Rauhalammintie 1, FIN-29600 Noormarkku (FI).

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

(72, 75) **KOSELJ, Metod** [SI/DE]; Nägele Str. 5, 40225 Düsseldorf (DE). **TUOMI, Mika** [FI/FI]; Tiisviljante 38B as 2, FIN-29570 Soormarkku (FI).

(74) **WILDING, Frances, Ward**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (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 **G06T 11/00**

(11) **WO 03/096276** (13) A2

(21) PCT/IB03/02346

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210764.7 **10 May/mai 2002 GB (10.05.2002)**

(30) 10/141,797 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GRAPHICS ENGINE CONVERTING INDIVIDUAL COMMANDS TO SPATIAL IMAGE INFORMATION, AND ELECTRICAL DEVICE AND MEMORY INCORPORATING THE GRAPHICS ENGINE

• MOTEUR GRAPHIQUE CONVERTISSANT DES COMMANDES INDIVIDUELLES EN INFORMATION D'IMAGE SPATIALE ET DISPOSITIF ELECTRIQUE ET MEMOIRE INCORPORANT CE MOTEUR GRAPHIQUE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minatoku, Tokyo 101-8001 (JP). **BITBOYS, OY** [FI/FI]; Rauhalammintie 1, FIN-29600 Noormarkku (FI).

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

(72, 75) **KOSELJ, Metod** [SI/DE]; Nägele Str. 5, 40225 Düsseldorf (DE). **TUOMI, Mika** [FI/FI]; Riisviljante 38B as 2, FIN-29570 Soormarkku (FI).

(74) **WILDING, Frances, Ward**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (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 **G06T 17/00**

(11) **WO 03/096277** (13) A2

(21) PCT/GB03/01966

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 0210769.6 **10 May/mai 2002 GB (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN INTERFACE AND METHOD OF INTERFACING BETWEEN A PARAMETRIC MODELLING UNIT AND A POLYGON BASED RENDERING SYSTEM

• INTERFACE ET PROCEDE D'INTERFAÇAGE ENTRE UNE UNITE DE MODELISATION PARAMETRIQUE ET UN SYSTEME DE RENDU D'IMAGE EN POLYGONES

(71) **IMAGINATION TECHNOLOGIES LIMITED** [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB).

(72) **FENNEY, Simon**; 99 Watford Road, St. Albans, Hertfordshire AL2 3JY (GB). **GIBSON, Clifford**; 65 Goldsmith Way, St. Albans, Hertfordshire AL3 5LH (GB). **RUSSELL, John**; 14 Honours Mead, Howard Agne Close, Bovingdon, Hertfordshire HP3 0DA (GB). **REDSHAW, Jonathan, Alan**; 13 Puddingstone Drive, St. Albans, Hertfordshire AL4 0GX (GB).

(74) **RICHARDSON, Julie, Kate**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(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 **G07B 15/04**

(11) **WO 03/096278** (13) A1

(21) PCT/KR03/00575

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) ko (26) en

(30) 10-2002-0016161 **25 Mar/mar 2002 KR (25.03.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WRONG OPERATION PREVENTION APPRATUS WITH ADVERTISEMENT FUNCTION OF MANLESS AUTOMATIC TICKET BARRIER

• DISPOSITIF A FONCTION PUBLICITAIRE PERMETTANT LA PREVENTION DU MAUVAIS FONCTIONNEMENT D'UN PORTILLON A BILLETS AUTOMATIQUE

(71, 72) **KIM, Yeong-Jong** [KR/KR]; 106-1804 Keugdong APT, 105, Sadang-2-dong, Dongjak-gu, Seoul 156-815 (KR).

(74) **HAN, Yong-Jun**; Room No. 203, Bosung Building, 1425-1, Seocho-1-dong, Seocho-gu, Seoul 137-864 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 17/04, G07C 9/00

(11) WO 03/096279 (13) A1

(21) PCT/DE03/01453

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 484.5 7 May/mai 2002 DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR PRINT-
ING SETS OF VALUE STAMPS
• PROCEDE ET DISPOSITIF POUR IM-
PRIMER DES LOTS DE TIMBRES(71) DEUTSCHE POST AG [DE/DE];
Charles-de-Gaulle-Str. 20, 53113 Bonn
(DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SCHILDKNECHT, Susanne [DE/DE];
Splickgasse 26, 53179 Bonn (DE).(74) JOSTARNDT - THUL; Brüsseler Ring 51,
52074 Aachen (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).

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 NI NO NZ OM PH PL 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 G07C 3/00, G01N 3/00

(11) WO 03/096280 (13) A1

(21) PCT/EP03/04273

(22) 24 Apr/avr 2003 (24.04.2003)

(25) de (26) de

(30) 02010774.4 14 May/mai 2002 EP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE STATUS RECOG-
NITION OF A MECHANICALLY
STRESSED COMPONENT, A COM-
PUTER SYSTEM ON WHICH SAID
METHOD RUNS, A COMPUTER PRO-
GRAM COMPRISING PROGRAM
CODE MEANS, AND A COMPUTER
PROGRAM PRODUCT• PROCEDE DE RECONNAISSANCE
D'ETAT D'UN COMPOSANT SOLLI-
CITE MECANIQUEMENT, SYSTEME
D'ORDINATEUR SUR LEQUEL LE
PROCEDE EST APPLIQUE, PRO-
GRAMME D'ORDINATEUR DOTE
DE MOYENS CODE PROGRAMME ET
PRODUIT PROGRAMME D'ORDINA-
TEUR(71) SIEMENS AKTIENGESSELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WALZ, Günther [DE/DE];
Mellinghofer Strasse 218, 45475 Mülheim
an der Ruhr (DE).(74) SIEMENS AKTIENGESSELLSCHAFT;
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).

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 G07C 9/00

(11) WO 03/096281 (13) A2

(21) PCT/US03/07773

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/099,342 16 Mar/mar 2002 US
(16.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DYNAMIC SECURITY SYSTEM

• SYSTEME DE SECURITE DYNA-
MIQUE(71) HEWLETT-PACKARD COMPANY
[US/US]; 3000 Hanover Street, M/S 1051,
Palo Alto, CA 94304 (US).(72) SMITH, Mark, T.; 726 Pico Avenue, San
Mateo, CA 94403 (US).(74) LEE, Denise, A.; IP Administration, P.O.
Box 272400, M/S 35, 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 G07C 11/00, G07B 15/00, G07C 9/00,
G06F 17/60

(11) WO 03/096282 (13) A1

(21) PCT/DK02/00310

(22) 13 May/mai 2002 (13.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AVIATION HANDLING QUALITY
MEASUREMENT• SYSTEME DE MESURE DU TRAITE-
MENT DES BAGAGES ET DES VOYA-
GEURS DANS UN AEROPORT(71) LYGSO INDUSTRI A/S [DK/DK]; Lyn-
gso Allé 3, 9600 Aars (DK).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MATHIASSEN, Finn, Hovalt
[DK/DK]; Kong Knuds Vej 10, DK-9600
Aars (DK). STERUM, Jens [DK/DK];
Ridefogedvej 1, DK-9000 Aalborg (DK).
JANKOWSKI, Lars, John, Markussen
[DK/DK]; Kornbakken 3, DK-9400 Norre-
sundby (DK).(74) PATENTGRUPPEN APS; Arosgaarden,
Aaboulevarden 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 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 G07D 9/00, A45C 1/10, 1/00, B65D 85/58

(11) WO 03/096283 (13) A1

(21) PCT/IB03/01752

(22) 6 May/mai 2003 (06.05.2003)

(25) it (26) en

(30) RM2002A000254 8 May/mai 2002 IT
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COIN HOLDER PARTICULARLY FOR
EUROS• PORTE-PIECES, EN PARTICULIER
POUR EUROS(71, 72) SQUADRONI, Elpidio, Onifares
[IT/IT]; Via Vela No.99, I-62012 Civitanova
Marche (IT).(74) ROBBA, Pierpaolo; Interpatent S.R.L., Via
Caboto No. 35, I-10129 Torino (IT).

(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 G07D 11/00, B65H 3/46, 5/00

(11) WO 03/096284 (13) A1

(21) PCT/SE03/00756

(22) 9 May/mai 2003 (09.05.2003)

(25) sv (26) en

(30) 0201401-7 10 May/mai 2002 SE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A DEVICE FOR INFEEED OF BUNDLES
OF BANKNOTES FOR EXAMPLE INTO
AN APPARATUS• DISPOSITIF D'INTRODUCTION DE
PAQUETS DE BILLETS DE BANQUE
PAR EXEMPLE DANS UN APPAREIL(71) NYBOHOV DEVELOPMENT AB
[SE/SE]; P.O. Box 47041, S-100 74 Stock-
holm (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) EK, Jan-Olov [SE/SE]; Långpannes-
tigen 9, S-125 33 Älvsjö (SE). EDIN,
Gösta [SE/SE]; Orrstigen 56, S-144 44 Rön-
ninge (SE). LUNDBLAD, Leif [SE/SE];
Djurgårdsslätten 100, S-115 21 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) G07F 7/00

(11) WO 03/096285 (13) A2

(21) PCT/EP03/04736

(22) 6 May/mai 2003 (06.05.2003)

(25) de

(30) 102 21 053.5 10 May/mai 2002 DE
(10.05.2002)(30) 103 04 119.2 31 Jan/jan 2003 DE
(31.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXAMINATION AND DEMONETIZA-
TION SYSTEM FOR VALUE MARK-
ERS• SYSTEME DE CONTROLE ET D'OBLI-
TERATION DE MARQUES DE VA-
LEUR(71) GIESECKE & DEVRIENT GMBH
[DE/DE]; Prinzregentenstrasse 159, 81677
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PLASCHKA, Reinhard [DE/DE];
Lindenstrasse 6, 86949 Windach (DE).
SCHIFFMANN, Peter [DE/DE]; Anger-
strasse 12a, 85354 Freising (DE). DEPTA,
Georg [DE/DE]; Ludwig-Thoma-Strasse 1,
85716 Unterschleißheim (DE). MAYER,
Karlheinz [DE/DE]; Alfred-Wainald-Weg
12, 86169 Augsburg (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 LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G07F 7/00

(11) WO 03/096286 (13) A2

(21) PCT/IB03/01723

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 02100474.2 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD TO PAY WITH A SMART
CARD• PROCEDE DE PAIEMENT AU MOYEN
D'UNE CARTE INTELLIGENTE(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) LACKNER, Christian [AT/AT]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). EDER, Stefan [AT/AT]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) RÖGGLA, Harald; 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 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 US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G07F 7/10

(11) WO 03/096287 (13) A1

(21) PCT/GB03/02028

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210692.0 10 May/mai 2002 GB
(10.05.2002)(30) 10/176,974 20 Jun/juin 2002 US
(20.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN AUTHENTICATION TOKEN

• JETON D'AUTHENTIFICATION

(71) QUIZID TECHNOLOGIES LTD.
[GB/GB]; Golden Cross House, 8 Dun-
cannon Street, London WC2N 4JF (GB).(72) BUCK, Peter; C/o Quizid Technologies Ltd.,
Golden Cross House, 8 Duncannon Street,
London WC2N 4JF (GB). NEWPORT, Pe-
ter; C/o Quizid Technologies Ltd., Golden
Cross House, 8 Duncannon Street, London
WC2N 4JF (GB).(74) GILL JENNINGS & EVERY; Broadgate
House, 7 Eldon Street, London EC2M 7HL
(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 G07F 7/10, G11C 11/34, G06F 1/00, G07F
7/00

(11) WO 03/096288 (13) A1

(21) PCT/IB03/01623

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076812.3 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD OF AUTHENTICATING

• SYSTEME ET PROCEDE D'AUTHENTIFICATION

(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) VAN RENS, Bas, J., E. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-Eindhoven 5656 AA (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 G07F 11/00

(11) WO 03/096289 (13) A2

(21) PCT/ZA03/00047

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(30) 02/2792 10 Apr/avr 2002 ZA (10.04.2002)

(30) 02/6565 16 Aug/août 2002 ZA (16.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISPENSERS PARTICULARLY, BUT NOT EXCLUSIVELY, FOR CIGARETTE PACKETS

• DISTRIBUTEURS NOTAMMENT, MAIS PAS EXCLUSIVEMENT, POUR PAQUETS DE CIGARETTES

(71, 72) LANZ, Klaus, Heinrich [CH/ZA]; 8 Kestrel Park, Longclaw Drive, 7441 Montague Gardens (ZA).

(74) BACON, Brian; Brian Bacon & Associates, 2nd floor, Mariendahl House, Newlands on Main, Main Road, 7700 Newlands (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 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 G07F 19/00

(11) WO 03/096290 (13) A1

(21) PCT/EP03/04750

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 02010099.6 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTERNET SERVICE CHARGING METHOD

• PROCEDE DE FACTURATION DE SERVICES INTERNET

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) GUAN, Qi [AT/AT]; Platzergasse 3 C/7, A-1210 Wien (AT). LENGGER, Markus [AT/AT]; Fellnergasse 3/5/11, 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 G08B

(11) WO 03/096291 (13) A2

(21) PCT/US03/12286

(22) 18 Apr/avr 2003 (18.04.2003)

(25) en (26) en

(30) 60/375,093 22 Apr/avr 2002 US (22.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RFID ANTENNA APPARATUS AND SYSTEM

• APPAREIL ET SYSTEME A ANTENNE RFID

(71) ESCORT MEMORY SYSTEMS [US/US]; 170 Technology Circle, Scotts Valley, CA 95066 (US).

(72) BARBER, Russell; 260 Old Coach Road, Scotts Valley, CA 95066 (US). NICHOLSON, Mark, R.; 105 Kirkorian Ct., Scotts Valley, CA 95066 (US).

(74) FRANCIS, Ralph, C.; Francis Law Group, 1808 Santa Clara Avenue, Alameda, CA 94501 (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 G08B

(11) WO 03/096292 (13) A2

(21) PCT/US03/14783

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,074 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRONIC LOCK SYSTEM

• SYSTEME DE VERROU ELECTRONIQUE

(71) ONITY, INC. [US/US]; 2100A Nancy Hanks Drive, Norcross, GA 30071 (US).

(72) ALEXANDER, Arnon; 1010 Brockton Close, Marietta, GA 30068 (US). WEIMAN, Andrew; 89 Chilton Avenue, Langhorne, PA 19047 (US). PAYNE, Jonathan, P.; 239 King Arthur Drive, Lawrenceville, GA 30045 (US). METIVIER, Pascal, Georges; 322 Garden Lane NW, Atlanta, GA 30309 (US).

(74) WOLDIN, Richard, A. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, One commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

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

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

(11) WO 03/096293 (13) A2

(21) PCT/IL03/00290

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(30) 10/142,096 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRONIC ARTICLE SURVEILLANCE SYSTEM

• SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES

(71) ELECTRONIC ARTICLE SURVEILLANCE TECHNOLOGIES LTD. [IL/IL]; P.O.B.8301, Industrial Zone K. Nordaw, 42504 NETANYA (IL).

(72) MALYSHEV, Vladimir; 16/66 Kuybyshev St., Medelevo, NA Moscow Region (RU). MANOV, Vladimir; 6A Jores St., 65706 Haifa (IL). RUBSHEIN, Alexander; 2 Shabat St., 78723 Ashkelon (IL). LEVINSON, Edward, Brook; 11 Hanna Senesh st., 49507 Petakh Tikva (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 UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/16, 29/18**

(11) **WO 03/096294** (13) A1

(21) PCT/IL02/00365

(22) **12 May/mai 2002 (12.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DUAL SENSOR INTRUDER ALARM**

• ALARME ANTI-EFFRACTION A DEUX DETECTEURS

(71) **ROKONET ELECTRONICS LTD.** [IL/IL]; Hachoma Street 14, 75655 Rishon Letzion (IL).

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

(72, 75) **ALKELAI, Moshe** [IL/IL]; Dalerina Street 15, Shikun Dan, 69545 Tel-Aviv (IL). **KARTOUN, David** [IL/IL]; Simtat Iris 24, 47249 Ramat Hasharon (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 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).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **G08B 13/14**

(11) **WO 03/096295** (13) A1

(21) PCT/GB03/01979

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 0210887.6 **13 May/mai 2002 GB (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **VERIFIED ALARMS**

• ALARMES CONTROLEES

(71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).

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

(72, 75) **DICKINSON, Peter** [GB/GB]; 6 Ashbourne Grove, Cox Green, Maidenhead, Berkshire SL6 3ER (GB). **COUCH, Nigel** [GB/GB]; Jodel House, Didcot Road, Brightwell-cum-sotwell, Oxon OX10 0SA (GB). **RUFFELL, Alan** [GB/GB]; 6 Glamis Close, Hemel Hempstead, Hertfordshire HP2 7QB (GB).

(74) **SHARP, Alan, Cooper**; QED I.P. Services Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).

(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 **G08B 13/24**

(11) **WO 03/096296** (13) A1

(21) PCT/GB03/01896

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 02 10373.7 **7 May/mai 2002 GB (07.05.2002)**

(30) 02 10729.0 **9 May/mai 2002 GB (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **BULK ACTIVATION/DEACTIVATION OF ELECTRONIC ARTICLE SURVEILLANCE TAGS**

• ACTIVATION/DESACTIVATION EN VRAC D'ETIQUETTES ELECTRONIQUES DE SURVEILLANCE D'ARTICLE

(71) **REDCLIFFE LTD** [GB/GB]; 20 Clothier Road, Brislington, Bristol BS4 5PS (GB).

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

(72, 75) **LEAR, Mervyn, Frederick** [GB/GB]; 97 Riding Barn Hill, Wick, Bristol BS30 5QZ (GB).

(74) **DUNLOP, Hugh, Christopher** et al. / etc.; RGC Jenkins & Co, 26 Caxton Street, London SW1H 0RJ (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 **G08B 23/00**

(11) **WO 03/096297** (13) A1

(21) PCT/IB03/01581

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) en (26) en

(30) 0210595.5 **9 May/mai 2002 GB (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **GAMING APPARATUS**

• APPAREIL DE JEU

(71) **WATERLEAF LIMITED** [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, Isle of Man IM1 2LE (GB).

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

(72, 75) **MOSHAL, Martin** [ZA/GB]; 69 Athol Street, Douglas, Isle of Man IM1 1JE (GB).

(74) **BOWMAN GILFILLAN INC. (JOHN & KERNICK)**; P.O. Box 3511, Halfway House, 1685 Midrand (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).

Published / Publiée : (c)

(51)⁷ **G08C 25/02, H04L 1/18**

(11) **WO 03/096298** (13) A1

(21) PCT/US03/14188

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,610 **7 May/mai 2002 US (07.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHOD AND APPARATUS FOR REDUCING TRANSMISSION ERRORS IN A THIRD GENERATION CELLULAR SYSTEM**

• PROCEDE ET APPAREIL POUR REDUIRE LES ERREURS DE TRANSMISSION DANS UN SYSTEME CELLULAIRE DE TROISIEME GENERATION

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) **CHAO, Yi-Ju**; 305 Maplewood Road, Huntington Station, NY 11746 (US). **DICK, Stephen, G.**; 61 Bobann Drive, Nesconset, NY 11767 (US). **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 **G08G 1/017, G07B 15/04**

(11) **WO 03/096299** (13) A1

(21) PCT/EP03/03567

(22) **5 Apr/avr 2003 (05.04.2003)**

(25) de (26) de

(30) 02010438.6 **8 May/mai 2002 EP (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • **DEVICE FOR CONTROLLING VEHICLES IN A TOLL ROAD SYSTEM**
- DISPOSITIF POUR LE CONTROLE DE VEHICULES DANS UN SYSTEME DE ROUTES A PEAGE

(71) AGES ARBEITSGEMEINSCHAFT GEBÜHRENENTRICHTUNGS SYSTEM GMBH & CO. OHG [DE/DE]; Mörsenbroicher Weg 191, 40470 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIEPE, Georg [DE/DE]; Ulenbergstrasse 77, 40223 Düsseldorf (DE).

(74) COHAUSZ & FLORACK (24); 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 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 G08G 1/04, 1/015, 1/017

(11) WO 03/096300 (13) A1

(21) PCT/EP03/03513

(22) 4 Apr/avr 2003 (04.04.2003)

(25) de (26) de

(30) 02010325.5 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • **METHOD AND DEVICE FOR THE AUTOMATIC CLASSIFICATION OF WHEELED VEHICLES**
- PROCEDE ET DISPOSITIF DE CLASSIFICATION AUTOMATIQUE DE VEHICULES EQUIPES DE ROUES

(71) AGES ARBEITSGEMEINSCHAFT GEBÜHRENENTRICHTUNGS SYSTEM GMBH & CO. OHG [DE/DE]; Mörsenbroicher Weg 191, 40470 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILIN, Vasil [DE/DE]; Hauptstrasse 368, 47809 Krefeld (DE). HERZOG, Rolf [DE/DE]; Heiligenhauser Strasse 54, 40883 Ratingen (DE).

(74) COHAUSZ & FLORACK (24); 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 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 G09B 1/40

(11) WO 03/096301 (13) A1

(21) PCT/JP03/04464

(22) 8 Apr/avr 2003 (08.04.2003)

(25) ja (26) ja

(30) 2002-132184 7 May/mai 2002 JP (07.05.2002)

(30) 2003-10455 17 Jan/jan 2003 JP (17.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • **EDUCATION DEVICE USING BLOCKS**
- DISPOSITIF EDUCATIONNEL UTILISANT DES BLOCS

(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) FUKAMI, Seiichi [JP/JP]; c/o KONAMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP). MASUKO, Hiromi [JP/JP]; c/o KONAMI CORPORATION, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/00

(11) WO 03/096302 (13) A2

(21) PCT/CA03/00705

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) 10/143,868 14 May/mai 2002 US (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • **SYSTEM FOR PROVIDING A HIGH-FIDELITY VISUAL DISPLAY COORDINATED WITH A FULL-SCOPE SIMULATION OF A COMPLEX SYSTEM AND METHOD OF USING SAME FOR TRAINING AND PRACTICE**
- SYSTEME POUR REALISER UN AFFICHAGE VISUEL DE HAUTE FIDELITE EN COORDINATION AVEC UNE SIMULATION INTEGRALE D'UN SYSTEME COMPLEXE ET PROCEDE

CORRESPONDANT D'UTILISATION AUX FINS DE FORMATION ET D'ENTRAINEMENT

(71) CAE INC. [CA/CA]; 8585 Cote de Liesse, C.P. 1800, Saint Laurent, Québec H4L 4X4 (CA).

(72) CULL, Christopher, A.; 2500 Cavendish Boulevard, Apt. 319, Montreal, Québec H4B 2Z6 (CA). RIEL, Yves; 326 Chemin de la Lorraine, Laval, Québec H7G 1Y5 (CA). GAGNON, Pierre; 2927 Rene-Laennec #301, Laval, Québec H7K 3V6 (CA). BOISVERT, Philippe; 33 Réal-Mousseau, Notre-Dame des Prairies, Québec J6E 8N2 (CA). DAIGLE, Jean; 1150 Montigny, Dorval, Québec H9S 5N7 (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 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 9/30, 9/38

(11) WO 03/096303 (13) A1

(21) PCT/AU03/00571

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(30) PS 2308 14 May/mai 2002 AU (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • **FEATURE DISPLAY**
- AFFICHAGE D'ELEMENTS

(71, 72) ROBERTS, David, Grant [AU/AU]; 143 Two Tree Hill Road, Tallegalla, Queensland 4340 (AU).

(74) CARTER, Chris, John et al. / etc.; Davies Collision 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 G09B 19/00, A61B 3/00, 13/00

(11) WO 03/096304 (13) A1

(21) PCT/US03/14510

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/142,360 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VISUAL PERFORMANCE EVALUA-
TION AND TRAINING SYSTEM• EVALUATION DE LA PERFORMANCE
VISUELLE ET SYSTEME D'ENTRAI-
NEMENT(71) VISUAL EDGE LLC [US/US]; 105 Town
Line Road, Suite 2020, Vernon Hills, IL
60061 (US).(72) SEILLER, Barry, L.; 881 North Sheri-
dan Road, Lake Forest, IL 60045 (US).
PUCHALSKI, Kathleen, S.; W308 Prospect
Drive, Mundelein, IL 60060 (US).(74) MORNEAULT, Monique, A. et al. / etc.;
Wallenstein & Wagner Ltd., 311 South
Wacker Drive - 5300, 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 G09B 21/00

(11) WO 03/096305 (13) A1

(21) PCT/CH02/00263

(22) 14 May/mai 2002 (14.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD, SYSTEM INTERFACE AND
APPARATUS FOR HANDICAPPED
USERS• PROCEDE, INTERFACE DE SYSTEME
ET APPAREIL DESTINES A DES UTI-
LISATEURS HANDICAPES(71) ASCOM AUTELCA AG [CH/CH]; Worb-
strasse 201, CH-3073 Gümligen (CH).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SCHMELZER, Thomas [CH/CH];
Wasserhaus, CH-4583 Mühledorf (CH).(74) RUTZ, Peter; Rutz & Partner, Reb-
bergstrasse 3a, CH-8915 Hausen am Albis
(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 UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW 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 G09B 21/00, A61F 9/08, G08B 6/00

(11) WO 03/096306 (13) A1

(21) PCT/JP03/05614

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002-132627 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TACTILE DISPLAY DEVICE AND
METHOD OF CONTROLLING TAC-
TILE DISPLAY DEVICE• ECRAN TACTILE ET PROCEDE DE
COMMANDE D'UN ECRAN TACTILE(71) UNIPLAN CO., LTD [JP/JP]; 2728-22 Oaza
Iyamachi, Higashi-izumochi, Yatsuka-gun,
Shimane 699-0101 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TAKAHASHI, Masaaki [JP/JP];
2728-22 Oaza Iyamachi, Higashi-izumo-
cho, Yatsuka-gun, Shimane 699-0101 (JP).(74) HIROSE, Tetsuo; Nakanishi Bldg. 5th
Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo
101-0065 (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 G09B 23/28, A61B 19/00

(11) WO 03/096307 (13) A1

(21) PCT/IE03/00069

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2002/0376 10 May/mai 2002 IE
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • "A surgical training simulator"

• SIMULATEUR D'ENTRAÎNEMENT
CHIRURGICAL(71) HAPTICA LIMITED [IE/IE]; The Tower,
Trinity Enterprise Centre, Pearse Street,
Dublin 2 (IE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LACEY, Gerard [IE/IE]; 26 Church
Gate, Wicklow Town, County Wicklow (IE).
YOUNG, Derek [IE/IE]; 3 Cloister Way,
Carysfort Avenue, Blackrock, County Dublin
(IE).CASSIDY, Derek [IE/IE]; Finnta-
van, Ballyjamesduff, County Cavan (IE).
SLEVIN, Fiona [IE/IE]; 31 Chelmsford
Road, Ranelagh, Dublin 6 (IE). RYAN, Don-
ncha [IE/IE]; 38 Priory Road, Harolds Cross,
Dublin 8 (IE).(74) O'BRIEN, John, A. et al. / etc.; c/o John
A. O'Brien & Associates, Third Floor, Dun-
cairn House, 14 Carysfort Avenue, Blackrock,
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 PTRO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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 23/30

(11) WO 03/096308 (13) A1

(21) PCT/JP03/05590

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-173404 10 May/mai 2002 JP
(10.05.2002)(30) 2003-25312 31 Jan/jan 2003 JP
(31.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THREE-DIMENSIONAL MODEL

• MODELE TRIDIMENSIONNEL

(71, 72) FUKUDA, Toshio [JP/JP]; 122, Mei-
dai Yada Shukusha, 66, Yada-cho 2-chome,
Higashi-ku, Nagoya-shi, Aichi 461-0042
(JP). ARAI, Fumihito [JP/JP]; 501, Mates
Chikusa Aoyagi, 5-1, Aoyagi-cho 6-chome,
Chikusa-ku, Nagoya-shi, Aichi 464-0852
(JP). IKEDA, Seiichi [JP/JP]; 1258-4,
Takanohongo, Tsuyama-shi, Okayama
708-1125 (JP). NEGORO, Makoto
[JP/JP]; 605, Sano Daisan Higashiyama,
19, Ikegami-cho 2-chome, Chikusa-ku,
Nagoya-shi, Aichi 464-0029 (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 VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G09F 3/03

(11) WO 03/096309 (13) A1

(21) PCT/JP03/05606

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002-134807 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF JUDGING STORAGE
CONDITION OF FOOD AND BEVER-
AGE, MEDICINE, ETC. AND INDICA-
TOR THEREFOR

- PROCEDE D'EVALUATION DES CONDITIONS DE STOCKAGE D'ALIMENTS, DE BOISSONS, DE MEDICAMENTS ET ANALOGUES, ET INDICATEUR ASSOCIE
- (71) NATIONAL FOOD RESEARCH INSTITUTE [JP/JP]; 1-12, Kannondai 2-chome, Tsukuba-shi, Ibaraki 305-8642 (JP). YUSHIN GIKEN CO., LTD. [JP/JP]; 10-19, Makuharihongou 7-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISSHIKI, Kenji [JP/JP]; c/o National Food Research Institute, 1-12, Kannondai 2-chome, Tsukuba-shi, Ibaraki 305-8642 (JP). OGAWA, Junzo [JP/JP]; 10-19, Makuharihongou 7-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).
- (74) NAKAMURA, Morio; Kobikikan Ginza Bldg., 8-9, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 G09F 3/04
- (11) WO 03/096310 (13) A1
- (21) PCT/JP03/05784
- (22) 8 May/mai 2003 (08.05.2003)
- (25) ja (26) ja
- (30) 2002-133896 9 May/mai 2002 JP (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • BIODEGRADABLE LABEL FOR IN-MOLD MOLDING AND BIODEGRADABLE CONTAINER HAVING THE LABEL STUCK THERETO
- ETIQUETTE BIODEGRADABLE DE SURMOULAGE ET RECIPIENT BIODEGRADABLE AUQUEL EST APPOSEE L'ETIQUETTE
- (71) YUPO CORPORATION [JP/JP]; 3, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIZAWA, Takatoshi [JP/JP]; c/o Yupo Corporation, Kashima Kojo, 23, Touwada, Kamisu-machi, Kashima-gun, Ibaraki 314-0102 (JP). KASAI, Atsushi [JP/JP]; c/o Yupo Corporation, 3, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-0062 (JP). SHIRAHAMA, Rie [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshidacho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G09F 3/10, A47G 25/48
- (11) WO 03/096311 (13) A1
- (21) PCT/IE03/00065
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) S020352 8 May/mai 2002 IE (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RECYCLABLE PLASTICS MATERIALS
- MATERIAUX PLASTIQUES RECYCLABLES
- (71) CHAINSTORE RECYCLING SOLUTIONS LIMITED [IE/IE]; 8 Prince of Wales Terrace, Bray, County Wicklow (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JEVENS, Paul [IE/IE]; No. 5 Rathpark Road, Dundalk, County Louth (IE). WARWICK, Damien [IE/IE]; c/o Philip Warwick & Co. Limited, Warwick House, Ballymount Road, Walkinstown (IE).
- (74) MACLACHLAN & DONALDSON; 47 Merrion Square, 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 G09F 11/14, B32B 27/00
- (11) WO 03/096312 (13) A1
- (21) PCT/AU03/00540
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) PS 2205 8 May/mai 2002 AU (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ADVERTISING PANEL AND PROCESS OF MAKING SAME
- PANNEAU PUBLICITAIRE ET SON PROCEDE DE PRODUCTION
- (71) INTERNATIONAL ACCESS MARKETING PTY LTD [AU/AU]; Level 30, AMP Place, 10 Eagle Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAKER, Geoffrey, Kendall [AU/AU]; 3/102 Indooroopilly Road, Taringa, Queensland 4068 (AU).
- (74) INTELLEPRO; Patent and Trade Mark Attorneys, Level 7, 102 Adelaide Street, (GPO Box 1339, Brisbane, QLD 4001), 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 G09F 15/00, 7/18, E04H 15/20
- (11) WO 03/096313 (13) A1
- (21) PCT/FR03/01396
- (22) 6 May/mai 2003 (06.05.2003)
- (25) fr (26) fr
- (30) 02/05788 10 May/mai 2002 FR (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PUBLICITY MEDIUM
- DISPOSITIF DE SUPPORT DE COMMUNICATION
- (71, 72) PELLECUER, Jean-Luc [FR/FR]; Mas de la Vierge, F-34130 Mauguio (FR). SALLES, Raphaël [FR/FR]; 12 Goule de Laval, F-34790 Grabels (FR).
- (74) PELLECUER, Jean-Luc; Mas de la Vierge, F-34130 Mauguio (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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- Published / Publiée : (a)
-
- (51)⁷ G09G
- (11) WO 03/096314 (13) A2
- (21) PCT/US03/13850
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 60/378,304 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SINGLE CELL GAP TRANSFLECTIVE LIQUID CRYSTAL DISPLAY

WITH SLANTED REFLECTOR ABOVE TRANSMISSIVE PIXELS

- DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES TRANSFLECTIF A ESPACE INTRACELLULAIRE UNIQUE DOTE D'UN REFLECTEUR INCLINE AU-DESSUS DE PIXELS REFLECHISSANTS

(71) **UNIVERSITY OF CENTRAL FLORIDA** [US/US]; 4000 Central Florida Boulevard, Orlando, FL 32816 (US). **TOPPOLY OPTOELECTRONICS CORP.** [—/—]; No. 12, Ke Jung Rd., Science-Based Industrial Pk., Chu-Nan 350, Miao-Li County (TW).

(72) **HUANG, Yi-Pai**; 12124 Knights Crossing Circle, #105, Orlando, FL 32816 (US). **ZHU, Xin-Yu**; 12126 Napiers Circle, Orlando, FL 32826 (US). **WU, Shin-Tson**; 1388 Tall Maple Loop, Oviedo, FL 32765 (US). **SHIEH, Han-Ping**; Room 515 Mirc Bldg., NCTU, Hsin Chu (TW).

(74) **STEINBERGER, Brian, S.**; Law Offices of Brian S. Steinberger, P.A., 101 Brevard Avenue, Cocoa, FL 32922 (US).

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

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

(11) **WO 03/096315** (13) A2

(21) PCT/US03/14075

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/378,317 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH BRIGHTNESS TWISTED NEMATIC TRANSFLECTIVE LIQUID CRYSTAL DISPLAY

- AFFICHAGE A CRISTAUX LIQUIDES NEMATIQUES EN HELICE TRANSFLECTIFS A HAUTE LUMINOSITE

(71) **UNIVERSITY OF CENTRAL FLORIDA** [US/US]; 4000 Central Florida Boulevard, Orlando, FL 32816 (US). **TOPPOLY OPTOELECTRONICS CORP.** [—/—]; No. 12, Ke Jung Road, Science-Based Industrial Pk., Chu-Nan 350, Miao-Li County (TW).

(72) **CHOI, Wing, Kit**; 4525 Black Knight Drive #205, Orlando, FL 32817 (US). **WU, Shin-Tson**; 1388 Tall Maple Loop, Oviedo, FL 32765 (US).

(74) **STEINBERGER, Brian, S.**; Law Offices of Brian S. Steinberger, P.A., 101 Brevard Avenue, Cocoa, FL 32922 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW 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 **G09G 3/36, G02F 1/133**

(11) **WO 03/096316** (13) A1

(21) PCT/KR02/01403

(22) **25 Jul/juillet 2002 (25.07.2002)**

(25) ko (26) en

(30) 2002/25271 **8 May/mai 2002 (08.05.2002)** KR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIQUID CRYSTAL DISPLAY AND METHOD OF MODIFYING GRAY SIGNALS FOR THE SAME

- DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES ET PROCEDE PERMETTANT DE MODIFIER LES SIGNAUX DE GRIS DE CE DERNIER

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-ku, 442-370 Suwon-city, Kyungki-do (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEE, Baek-Woon** [KR/KR]; Dongbu Apt. 110-802, 331, Yatap-dong, Bundang-ku, 463-070 Sungnam-city, Kyungki-do (KR).

(74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 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 KZ LC LK 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 **G09G 3/36**

(11) **WO 03/096317** (13) A1

(21) PCT/US03/14818

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 60/379,567 **10 May/mai 2002 (10.05.2002)** US

(30) 60/427,814 **20 Nov/nov 2002 (20.11.2002)** US

(30) 10/435,427 **9 May/mai 2003 (09.05.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MODULATION SCHEME FOR DRIVING DIGITAL DISPLAY SYSTEMS

- SCHEMA DE MODULATION DESTINE A PILOTER DES SYSTEMES D'AFFICHAGE NUMERIQUE

(71) **eLCOS MICRODISPLAY TECHNOLOGY, INC.** [US/US]; 1290 Oakmead Parkway, Suite 201, Sunnyvale, CA 94085 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUDSON, Edwin, Lyle** [US/US]; 501 Valley View Drive, Los Altos, CA 94024 (US). **McDONALD, David, Charles** [US/US]; 2729 Falcon Drive, Longmont, CO 80503 (US).

(74) **TUNG, Hao, Y.**; 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 **G09G 5/00**

(11) **WO 03/096318** (13) A1

(21) PCT/US03/11540

(22) **16 Apr/avr 2003 (16.04.2003)**

(25) en (26) en

(30) 10/139,843 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PERSONAL INFORMATION MANAGEMENT DEVICES WITH PERSISTENT APPLICATION INFORMATION AND METHODS

- PROCEDES ET GESTIONNAIRES D'INFORMATIONS PERSONNELLES A INFORMATIONS D'APPLICATIONS PERSISTANTES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **McINERNEY, John**; 3190 Whip-Poor-Will Lane, Belvidere, IL 61008 (US).

(74) **BOWLER, Roland, K.** et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 G09G 5/00

(11) WO 03/096319 (13) A1

(21) PCT/US03/14668

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,215 8 May/mai 2002 US (08.05.2002)

(30) 60/407,498 30 Aug/août 2002 US (30.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR PROVIDING DISPLAYS IN AN OUTDOORS RETAIL AREA OF A RETAIL STORE

• SYSTEME D'AFFICHEURS EXPOSES DANS UNE ZONE DE VENTE AU DETAIL EN EXTERIEUR D'UN MAGASIN DE VENTE AU DETAIL.

(71, 72) RUDEL, Gregory, Marshall [US/US]; 3063 Ridgeview Drive, El Dorado Hills, CA 95762 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/02, 5/00, G06K 9/00, 9/36, G03F 3/08, H04N 1/46

(11) WO 03/096320 (13) A1

(21) PCT/US03/14984

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/146,257 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR MULTI-RESOLUTION COLOR MAPPING FOR DISPLAY DEVICES

• DISPOSITIF ET PROCEDE DE MAPPING DE COULEURS MULTI-RESOLUTION POUR DES APPAREILS D'AFFICHAGE

(71) GENESIS MICROCHIP CORPORATION [US/US]; 2150 Gold Street, Alviso, CA 95002 (US).

(72) NAIR, Hari; 304 Maple Apt. #2 Michael Palya, 80 Feet Road, Indiranagar, Bangalore 560038 (IN). AGRAWAL, Neha; 1009 Jaya, Near Church Road, New Thippassandra, Bangalore 560075 (IN). CHOUDHARY,

Saif; 55 5th Cross, Nanja Reddy Colony, Muruges Palya, Bangalors 560017 (IN). KUMAR, Shashi; 2850 1st Main Kodihalli, Off 80 Foot Road, Jeevan Beema Nagar, Bangalore 560075 (IN). JOHARY, Arun; 4149 Casa Grande Way, San Jose, CA 95118 (US).

(74) FERRAZANO, Michael, J.; Beyer Weaver & Thomas, LLP, 2030 Addison Street, 7th Floor, Berkeley, CA 94704 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/04

(11) WO 03/096321 (13) A1

(21) PCT/US02/32916

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 10/142,414 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A COMBINED WRITING INSTRUMENT AND DIGITAL DOCUMENTOR APPARATUS AND METHOD OF USE

• APPAREIL ET DISPOSITIF D'INSTRUMENT D'ECRITURE ET DE DOCUMENT NUMERIQUE COMBINES ET PROCEDE D'UTILISATION

(71, 72) O'DONNELL, Frank, E. [US/US]; 709 THE HAMPTONS LANE, TOWN AND COUNTRY, MO 63017 (US).

(74) DENK, Paul, M.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 G10G 5/00

(11) WO 03/096322 (13) A1

(21) PCT/KR03/00928

(22) 10 May/mai 2003 (10.05.2003)

(25) en (26) en

(30) 10-2002-0025733 10 May/mai 2002 KR (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A STAND FOR WIND MUSICAL INSTRUMENT

• SUPPORT POUR INSTRUMENT DE MUSIQUE A VENT

(71, 72) YOUN, Kuk Won [KR/KR]; #73-536, Songjeong-dong., Seongdong-gu, Seoul 133-160 (KR).

(74) JU, In Jung; #701 BYC B/D. 648-1, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/04

(11) WO 03/096323 (13) A1

(21) PCT/US03/14301

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/142,406 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TEXT-TO-SPEECH (TTS) FOR HAND-HELD DEVICES

• SYNTHESE DE LA PAROLE A PARTIR DE TEXTE (TTS) POUR APPAREILS PORTATIFS

(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) XIE, Jianlei [US/US]; 11852 Stoney Bay Circle, Carmel, IN 46033 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/08

(11) WO 03/096324 (13) A1

(21) PCT/JP03/05695

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-135770 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SPEECH RECOGNITION DEVICE

• DISPOSITIF DE RECONNAISSANCE VOCALE

(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) MIYAZAKI, Toshiyuki [JP/JP]; 3-22-10, Mirokuji, Fujisawa-shi, Kana-gawa 251-0016 (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).

(51)⁷ G10L 19/02

(11) WO 03/096325 (13) A1

(21) PCT/JP03/05545

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-132188 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CODING METHOD, CODING DEVICE, DECODING METHOD, AND DECODING DEVICE

• PROCEDE DE CODAGE, DISPOSITIF DE CODAGE, PROCEDE DE DECODAGE ET DISPOSITIF DE DECODAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) TOUYAMA, Keisuke [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUZUKI, Shiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TSUJI, Minoru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th 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 G10L 19/14, 19/02

(11) WO 03/096326 (13) A2

(21) PCT/GB03/02031

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 0210704.3 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUDIO COMPRESSION

• COMPRESSION AUDIO

(71) SCALA TECHNOLOGY LIMITED [GB/GB]; Flat 5, 148 Fortess Road, London NW5 2HP (GB).

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

(72, 75) DUNN, Chris [GB/GB]; Flat 5, 148 Fortess Road, London NW5 2HP (GB).

(74) GARRATT, Peter, Douglas 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).

(51)⁷ G11B 5/127, 5/00

(11) WO 03/096327 (13) A2

(21) PCT/US03/15019

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,852 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MAGNETIC RECORDING HEAD

• TETE D'ENREGISTREMENT MAGNETIQUE

(71, 72) SESHAN, Chitra [US/US]; 420 Ponderosa Drive, Boulder, CO 80303 (US). CAMPBELL, Robert, Owen [US/US]; 420 Ponderosa Drive, Boulder, CO 80303 (US).

(74) PYSHER, Paul, 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 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 G11B 7/005, 7/007, 20/10, H03G 3/20

(11) WO 03/096328 (13) A1

(21) PCT/JP03/05301

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(30) 2002-131661 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISC DEVICE SIGNAL PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE SIGNAUX D'UN DISPOSITIF A DISQUE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

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(72, 75) TADA, Koichi [JP/JP]; 790-3, Busshoji, Itonuki-cho, Motosu-gun, Gifu 510-0407 (JP). MINECHIKA, Shigekazu [JP/JP]; 2-15-36, Habu-cho, Kishiwada-shi, Osaka 596-0825 (JP). AOI, Yoshihiro [JP/JP]; 2-7-4, Asukano minami, Ikoma-shi, Nara 630-0133 (JP). OGAWA, Koichi [JP/JP]; 6-6-27, Kusaka-cho, Higashiosaka-shi, Osaka 579-8003 (JP). SAKAMOTO, Ichizo [JP/JP]; 2-10-29-103, Sumiyoshihonomachi, Higashinada-ku, Kobe-shi, Hyogo 658-0051 (JP).

(74) YAMADA, Yoshito; The Tanabe Building, 6-6, Fushimimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

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(51)⁷ G11B 7/24, 7/26, C09J 157/00, 175/14

(11) WO 03/096329 (13) A1

(21) PCT/JP03/05948

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-137160 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL DISK AND PROCESS FOR PRODUCING THE SAME

• DISQUE OPTIQUE ET SON PROCEDE DE PRODUCTION

(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) WATANABE, Hidetoshi [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.

(84) EP (AT BE 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, C08G 64/14

(11) WO 03/096330 (13) A1

(21) PCT/US03/12181

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 10/141,678 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF ENHANCING PIT REPLICATION IN OPTICAL DISKS

• PROCEDES AMELIORANT LA REPRODUCTION DES CUVETTES DE DISQUES OPTIQUES

(71) GENERAL ELECTRIC COMPANY [US/US]; (a New York Corporation), 1 River Road, Schenectady, NY 12345 (US).

(72) BRACK, Hans-Peter; Schulhausstr. 64, CH-8704 Herrliberg (CH). WHITNEY, John, Morgan; 1269 Hempstead Road, Niskayuna, NY 12309 (US). LENS, Jan-Pleun; Kanariestraat 12, NL-4815 ED Breda (NL). GOEWEY, Christopher, David; 237 Springside Avenue, Pittsfield, MA 01201 (US). DRIS, Irene; 17 Hollandale Lane, Apartment E, Clifton Park, NY 12065 (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 G11B 7/26, B29C 39/08, 39/10, 39/36

(11) WO 03/096331 (13) A1

(21) PCT/JP03/05802

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/133741 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR SEPARATING STAMPER, AND MULTI-LAYERED RECORDING MEDIUM

• PROCEDE ET DISPOSITIF PERMETTANT DE SEPARER LA MATRICE DE PRESSAGE ET UN DISQUE ET SUPPORT D'ENREGISTREMENT MULTICOUCHE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(72) KANEKO, Yukio; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo

103-8272 (JP). MURAKAMI, Yoshiaki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YAMAGUCHI, Haruhiko; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TATSUMI, Yoshiyuki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). USAMI, Mamoru; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KOMAKI, Tsuyoshi; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR.

(84) EP (DE NL).

(51)⁷ G11B 7/26, 7/24

(11) WO 03/096332 (13) A1

(21) PCT/JP03/05803

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002/133742 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STAMPER STICKING METHOD AND DEVICE, AND MULTI-LAYER RECORDING MEDIUM

• PROCEDE ET DISPOSITIF DE COLLAGES DE LA MATRICE DE PRESSAGE ET SUPPORT D'ENREGISTREMENT MULTICOUCHE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(72) KANEKO, Yukio; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). MURAKAMI, Yoshiaki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YAMAGUCHI, Haruhiko; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TATSUMI, Yoshiyuki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). USAMI, Mamoru; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KOMAKI, Tsuyoshi; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR.

(84) EP (DE NL).

(51)⁷ G11B 7/26, B29C 39/10, 39/36

(11) WO 03/096333 (13) A1

(21) PCT/JP03/05804

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-133743 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTI-LAYER RECORDING MEDIUM FORMING METHOD AND DEVICE, AND MULTI-LAYER RECORDING MEDIUM

• PROCEDE ET DISPOSITIF DE FABRICATION D'UN SUPPORT D'ENREGISTREMENT MULTICOUCHE ET SUPPORT D'ENREGISTREMENT MULTICOUCHE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(72) KANEKO, Yukio; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). MURAKAMI, Yoshiaki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YAMAGUCHI, Haruhiko; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TATSUMI, Yoshiyuki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). USAMI, Mamoru; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KOMAKI, Tsuyoshi; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR.

(84) EP (DE NL).

(51)⁷ G11B 19/20, 17/028

(11) WO 03/096334 (13) A1

(21) PCT/IB03/01540

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02076776.0 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM COMPRISING A REGISTRATION CARRIER AND A DRIVE DEVICE FOR THIS

• SYSTEME COMPRENANT UN SUPPORT D'ENREGISTREMENT ET UN DISPOSITIF D'EXCITATION ASSOCIE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) VAN DER AA, Michiel, A., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BIERHOFF, Waltherus, C., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HENSING, Johannes, M., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHRIJNEMAEKERS, 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 19/26

(11) WO 03/096335 (13) A1

(21) PCT/IB03/01467

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02010142.4 13 May/mai 2002 EP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SETTING THE ROTATION SPEED OF A ROTATING DISK MEMORY

• REGLAGE DE LA VITESSE DE ROTATION D'UNE MEMOIRE DE DISQUE TOURNANT

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) VADDE, Venkatesh [IN/US]; 39939 Stevenson Com, #2041, Fremont CA 94538 (US). MÄKELÄ, Jakke [FI/FI]; Vanha Hämeentie 110 D 61, FIN-20540 Turku (FI). VIHMALO, Jukka-Pekka [FI/FI]; Orivedenkatu 20 A3, FIN-33720 Tampere (FI).

(74) COHAUSZ & FLORACK; 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 VC VN YU ZA ZM ZW.

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

(51) G11B 20/00

(11) WO 03/096336 (13) A2

(21) PCT/EP03/04735

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 925.1 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR PRODUCING CODED DATA, FOR DECODING CODED DATA AND FOR PRODUCING RE-SIGNED DATA

• DISPOSITIF ET PROCÉDE POUR PRODUIRE DES DONNÉES CODÉES, POUR DÉCODER DES DONNÉES CODÉES ET POUR PRODUIRE DES DONNÉES AVEC UNE NOUVELLE SIGNATURE

(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) BRANDENBURG, Karlheinz [DE/DE]; Haagstrasse 32, 91054 Erlangen (DE). NEUBAUER, Christian [DE/DE]; Effeltrichter Strasse 24, 90411 Nürnberg (DE). KULESSA, Ralph [DE/DE]; Untere Kellerstrasse 50, 90537 Feucht (DE). SIEBENHAAR, Frank [DE/DE]; Dr.-Carlo-Schmid-Strasse 12, 90491 Nürnberg (DE). SPINNLER, Wolfgang [DE/DE]; Zanderstrasse 11, 91054 Erlangen (DE).

(74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach (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 G11B 20/00

(11) WO 03/096337 (13) A2

(21) PCT/IB03/01524

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02076848.7 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WATERMARK EMBEDDING AND RETRIEVAL

• INTEGRATION ET RECUPERATION DE FILIGRANE

(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) VAN DER VEEN, Minne [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BRUEKERS, Alphons, A., M., L. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHMITZ, Herman, J., R.; 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 20/00

(11) WO 03/096338 (13) A2

(21) PCT/IB03/01705

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 02076902.2 14 May/mai 2002 EP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR RECORDING INFORMATION

• DISPOSITIF ET PROCÉDE D'ENREGISTREMENT D'INFORMATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) BLACQUIERE, Johannis, F., R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE VRIES, Jan; 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 20/00

(11) WO 03/096339 (13) A2

(21) PCT/JP03/05570

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 2002-134648 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTHENTICATION COMMUNICATION SYSTEM, AUTHENTICATION COMMUNICATION APPARATUS, AND AUTHENTICATION COMMUNICATION METHOD

• SYSTEME, APPAREIL ET PROCÉDE DE COMMUNICATION D'AUTHENTIFICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) OHMORI, Motoji; 1-9-3-402, Nasuzukuri, Hirakata-shi, Osaka 573-0071 (JP). NAKANO, Toshihisa; 3-35-15, Shimeno, Neyagawa-shi, Osaka 572-0077 (JP). NAGAI, Takahiro; 6-23-10-407, Takadono, Asahi-ku, Osaka-shi, Osaka 535-0031 (JP). ISHIHARA, Hideshi; 1-10-120, Ikuno, Katano-shi, Osaka 576-0054 (JP).

- TATEBAYASHI, Makoto; 1-16-21, Mefu, Takarazuka-shi, Hyogo 665-0852 (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).
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- (51)⁷ G11B 20/12, 20/10, 27/00, G06F 12/00, H04N 5/92
- (11) WO 03/096340 (13) A2
- (21) PCT/US03/14878
- (22) 10 May/mai 2003 (10.05.2003)
- (25) en (26) en
- (30) 60/379,979 10 May/mai 2002 US (10.05.2002)
- (30) 60/378,011 10 May/mai 2002 US (10.05.2002)
- (30) 10/218,241 13 Aug/août 2002 US (13.08.2002)
- (30) 10/235,293 4 Sep/sep 2002 US (04.09.2002)
- (30) 10/304,390 25 Nov/nov 2002 US (25.11.2002)
- (30) 10/325,243 18 Dec/déc 2002 US (18.12.2002)
- (30) 10/364,643 10 Feb/fév 2003 US (10.02.2003)
- (30) 60/451,231 28 Feb/fév 2003 US (28.02.2003)
- (30) 10/430,843 5 May/mai 2003 US (05.05.2003)
- (30) 10/430,477 5 May/mai 2003 US (05.05.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND SYSTEM FOR MEDIA
• PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA
- (71, 72) RISAN, Hank [US/US]; 515 Washington Street, Santa Cruz, CA 95060 (US). FITZGERALD, Edward, Vincent [US/US]; 100 Peach Terrace, Santa Cruz, CA 95060 (US).
- (74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 20/12, 20/10, 27/00, G06F 12/00, H04N 5/92
- (11) WO 03/096341 (13) A1
- (21) PCT/JP03/05111
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) ja (26) ja
- (30) 2002-134746 9 May/mai 2002 JP (09.05.2002)
- (30) 2002-382281 27 Dec/déc 2002 JP (27.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RECORDING METHOD, RECORDING DEVICE, AND RECORDING MEDIUM
• PROCEDE, DISPOSITIF ET SUPPORT 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) SUGINO, Akinobu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MAE, Atsushi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 20/14, 20/10
- (11) WO 03/096343 (13) A1
- (21) PCT/JP03/05875
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-138200 14 May/mai 2002 JP (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DATA RECORDING MEDIUM, AND DATA RECORDING METHOD AND DEVICE
• SUPPORT D'ENREGISTREMENT DE DONNEES, PROCEDE D'ENREGISTREMENT DE DONNEES ET DISPOSITIF ASSOCIE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). 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) 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). KIHARA, Takashi [JP/JP]; C/O SONY HUMAN CAPITAL CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FURUKAWA, Shunsuke [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(JP). KANADA, Yoriaki [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAITO, Akiya [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). AIDA, Toru [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SANO, Tatsushi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MIYOSHI, Yoshiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). USUI, Yoshinobu [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SENNO, Toshihiko [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 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) CN KR US.

(51)⁷ G11B 20/14, 20/10

(11) WO 03/096344 (13) A1

(21) PCT/JP03/05876

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-138199 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA RECORDING MEDIUM, DATA RECORDING METHOD AND DEVICE, AND ENCODE METHOD AND DEVICE
• SUPPORT D'ENREGISTREMENT DE DONNEES, PROCEDE ET DISPOSITIF D'ENREGISTREMENT DE DONNEES ET PROCEDE ET DISPOSITIF DE CODAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). 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) SAKO, Yoichiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). AIDA, Toru [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 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). SAITO, Akiya [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KIHARA, Takashi [JP/JP]; C/O SONY HUMAN CAPITAL CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SANO, Tatsushi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

141-0001 (JP). KANADA, Yoriaki [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MIYOSHI, Yoshiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FURUKAWA, Shunsuke [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). USUI, Yoshinobu [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SENNO, Toshihiko [JP/JP]; C/O SONY DISC TECHNOLOGY INC., 7-35, Kitashinagawa 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) 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 21/16

(11) WO 03/096345 (13) A1

(21) PCT/JP03/05518

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-134638 9 May/mai 2002 JP (09.05.2002)

(30) 2002-161658 3 Jun/juin 2002 JP (03.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HARD DISK DRIVING CARRIAGE AND METHOD OF PRODUCING THE SAME
• DISPOSITIF D'ENTRAÎNEMENT DE DISQUE DUR ET SON PROCEDE DE PRODUCTION

(71) FUJIKURA LTD. [JP/JP]; 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP). NAKASHIN LTD. [JP/JP]; 7318, Uenohara, Uenoharamachi, Kitatsuru-gun, Yamanashi 409-0112 (JP).

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(72, 75) TSUCHIYA, Susumu [JP/JP]; c/o Fujikura Ltd., 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP). SAKINO, Minoru [JP/JP]; c/o Nakashin Ltd., 7318, Uenohara, Uenoharamachi, Kitatsuru-gun, Yamanashi 409-0112 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CN JP US.

(51)⁷ G11B 27/00, 20/12, G06F 12/00, H04N 5/92

(11) WO 03/096346 (13) A1

(21) PCT/JP03/05395

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002-134045 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECORDING METHOD, RECORDING DEVICE, AND RECORDING MEDIUM
• PROCEDE D'ENREGISTREMENT, DISPOSITIF D'ENREGISTREMENT, ET SUPPORT D'ENREGISTREMENT

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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(72, 75) MATSUNO, Katsumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUGINO, Akinobu [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). YOSHIOKA, Shingo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 20/12, G06F 12/00, G11B 20/10

(11) WO 03/096347 (13) A1

(21) PCT/JP03/05732

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-135124 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECORDING/REPRODUCTION SYSTEM, RECORDING/REPRODUCTION METHOD, PROGRAM, AND RECORDING MEDIUM
• SYSTEME, PROCEDE, PROGRAMME D'ENREGISTREMENT/REPRODUCTION ET SUPPORT D'ENREGISTREMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). TORII, Yasuyuki [JP/JP]; 9-10, Yawata-banga, Yawata-shi, Kyoto 614-8032 (JP).

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(72, 75) MATSUMI, Chiyoko [JP/JP]; A3-202, 3-1, Tsukumodai, Suita-shi, Osaka 565-0862 (JP). TAKEGUCHI, Nobuyasu [JP/JP]; 2-81, Honda-cho, Kawachinagano-shi, Osaka 586-0022 (JP). MIYAMOTO, Harutoshi [JP/JP]; 34-37-B205, Tamase-cho, Ibaraki-shi, Osaka 567-0893 (JP). YANA-GAWA, Yoshifumi [JP/JP]; F-509, 2-1, Nishinorikyu-cho, Yamashina-ku, Kyoto-shi, Kyoto 607-8345 (JP). ITANI, Tetsuya [JP/JP]; 2-2-8, Hikarigaoka, Ikoma-shi, Nara 630-0141 (JP). YAMADA, Jiro [JP/JP]; 7-5-11, Hikaridai, Seika-cho, Souraku-gun, Kyoto 619-0237 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/031, 27/028, H04H 7/00, H04N 7/173, 5/222, G11B 27/10, H04N 5/76

(11) WO 03/096348 (13) A1

(21) PCT/FR03/01309

(22) 24 Apr/avr 2003 (24.04.2003)

(25) fr (26) fr

(30) 02/05182 25 Apr/avr 2002 FR (25.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF CUTTING AND VIEWING AN AUDIO-VISUAL RECORDING AND THE ASSOCIATED AUDIO-VISUAL DEVICE

• PROCEDE DE DECOUPAGE ET DE VISUALISATION D'UN ENREGISTREMENT AUDIOVISUEL, ET DISPOSITIF AUDIOVISUEL ASSOCIE

(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) BLONDÉ, Laurent [FR/FR]; 30, rue Pierre-Jakez Hélias, F-35235 Thorigné-Fouillard (FR). VIELLARD, Thierry [FR/FR]; 5 allée des Rosiers, F-35410 Osse (FR). KERVELLA, Gwénaél [FR/FR]; 31, rue de Brest, F-35000 Rennes (FR).

(74) BENEZETH, Philippe; 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

(u) for / pour US only / seulement

(51)⁷ G11B 27/034, 27/10, 27/32, 19/02, H04N 7/26, 5/781, 5/775, 5/76

(11) WO 03/096349 (13) A1

(21) PCT/EP03/04310

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 02010390.9 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPLIANCE-GUIDED EDIT-OPERATIONS IN ADVANCED DIGITAL VIDEO RECORDING SYSTEMS

• ÉDITIONS GUIDÉES PAR APPAREIL DANS DES SYSTÈMES D'ENREGISTREMENT VIDÉO-NUMÉRIQUE DE POINTE

(71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

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

(72, 75) KLAUSBERGER, Wolfgang [DE/DE]; Elisabethstr. 18, 30559 Hannover (DE). KUBSCH, Stefan [DE/DE]; Rehrener Str. 1, 31559 Hohnhorst (DE). OSTERMANN, Ralf [DE/DE]; Oberstr. 17, 30167 Hannover (DE).

(74) RITTNER, Karsten; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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 G11B 27/28, G06F 17/30, G11B 27/034

(11) WO 03/096350 (13) A2

(21) PCT/US03/14528

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/140,794 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SCALABLE VIDEO SUMMARIZATION

• SYNTHESE VIDEO ECHELONNABLE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(72) WU, Peng; 1540 Gilmore Street, Mountain View, CA 94040 (US). LI, Ying; 2677 Ellendale Place, Apt. 214, Los Angeles, CA 90007 (US). TRETTER, Daniel R.; 1533 Calle de Stuarda, San Jose, CA 95118 (US).

(74) HEMINGER, Susan E, et al. / etc.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096351 (13) A2

(21) PCT/IB03/01748

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 0210719.1 10 May/mai 2002 GB (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEMORIES AND MEMORY CIRCUITS
• MÉMOIRES ET CIRCUITS DE MÉMOIRES

(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) VAN DER ZAAG, Pieter, J. [NL/NL]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). EDWARDS, Martin, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). LENSSEN, Kars-Michiël, H. [NL/NL]; 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

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

(51)⁷ G21K

(11) WO 03/096356 (13) A2

(21) PCT/EP03/04803

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 816.6 10 May/mai 2002 DE (10.05.2002)

(30) 102 20 815.8 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REFLECTIVE X-RAY MICROSCOPE AND INSPECTION SYSTEM FOR EXAMINING OBJECTS WITH WAVELENGTHS OF= 100NM

• MICROSCOPE AUX RAYONS X REFLECHISSANT ET SYSTEME DE CONTROLE CONCUS POUR EXAMINER DES OBJETS PRESENTANT DES LONGUEURS D'ONDE = 100NM

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE). CARL ZEISS MICROELECTRONIC SYSTEMS GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MANN, Hans-Jürgen [DE/DE]; Katzenbachstrasse 49, 73447 Oberkochen (DE). DINGER, Udo [DE/DE]; Heinz-Küpenbender-Strasse 4, 73447 Oberkochen (DE). ULRICH, Wilhelm [DE/DE]; Lederackerring 44, 73434 Aalen (DE). REINECKE, Wolfgang [DE/DE]; Seestrass 97B, 15783 Zeuthen (DE). ENGEL, Thomas [DE/DE]; Urbicher Weg 88, 99102 Erfurt (DE). ZIBOLD, Axel [DE/DE]; Biberweg 13, 07449 Jena (DE). HARNISCH, Wolfgang [DE/DE]; Am Müllergraben 4, 07778 Lehesten (DE). WEDOWSKI, Marco [DE/DE]; Otto-Schott-Strasse 15, 73447 Oberkochen (DE). PAUSCHINGER, Dieter [DE/DE]; Walporzheimer Strasse 5, 13465 Berlin (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).

(51)⁷ H01C

(11) WO 03/096357 (13) A2

(21) PCT/EP03/04792

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 360.1 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRICALLY RESISTANT DIAMOND-BASED COMPONENT

• COMPOSANT DE TYPE RESISTANCE ELECTRIQUE A BASE DE DIAMANT

(71) GFD GESELLSCHAFT FÜR DIAMANTPRODUKTE MBH [DE/DE]; Wilhelm-Runge-Str. 11, 89081 Ulm (DE). ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. [DE/DE]; Hauptstr. 1, 83413 Fridolfing (DE).

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

(72, 75) GLUCHE, Peter [DE/DE]; Schörhausgasse 4, 89073 Ulm (DE). ERTL, Stephan [DE/DE]; Ochsensteige 72/4, 89075 Ulm (DE). GROBE, Dirk [DE/DE]; Freischützstr. 82b, 81927 München (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstr. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/36, 41/02, C04B 35/26

(11) WO 03/096358 (13) A1

(21) PCT/US03/14330

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,745 8 May/mai 2002 US (08.05.2002)

(30) 10/430,948 7 May/mai 2003 US (07.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR MAKING FERRITE MATERIAL PRODUCTS AND PRODUCTS PRODUCED THEREBY

• PROCEDE ET APPAREIL DE FABRICATION DE PRODUITS EN FERRITE ET PRODUITS OBTENUS

(71) STEWARD, INC. [US/US]; 1200 East 36th Street, Chattanooga, TN 37407-2489 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PARIS, Henry, G. [US/US]; 1111 Valentine Circle, Chattanooga, TN 37405 (US). SMITH, Danny, R. [US/US]; 3347 Oak Burr Drive, Chattanooga, TN 37419 (US).

(74) REGAN, Christopher, F. et al. / etc.; Allen Dyer Doppelt Milbrath & Gilchrist, 255 South 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 10/16, G11B 5/31

(11) WO 03/096359 (13) A1

(21) PCT/JP03/05846

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-136100 10 May/mai 2002 JP (10.05.2002)

(30) 2002-136101 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOFT MAGNETIC MATERIAL OF HIGH SATURATION MAGNETIC FLUX DENSITY

• MATERIAU MAGNETIQUE DOUX A DENSITE ELEVE DE FLUX MAGNETIQUE DE SATURATION

(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) SHINTAKU, Kazuhiko [JP/JP]; 4-3-10, Jizoden, Goshono, Akita-shi, Akita 010-1413 (JP). YAMAKAWA, Kiyoshi [JP/JP]; 2-304, Kenkosha, 1-43, Koyoaoyagi-cho, Akita-shi, Akita 010-0966 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (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 H01F 41/02, 27/25, H02J 7/02

(11) WO 03/096361 (13) A1

(21) PCT/GB03/02038

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210886.8 13 May/mai 2002 GB (13.05.2002)

(30) 0213024.3 7 Jun/juin 2002 GB (07.06.2002)

(30) 0225006.6 28 Oct/oct 2002 GB (28.10.2002)

(30) 0228425.5 6 Dec/déc 2002 GB (06.12.2002)

(30) 10/326,571 **20 Dec/déc 2002** US
(20.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS RELATING TO THE TRANSFER OF ELECTROMAGNETIC POWER

• PERFECTIONNEMENT PORTANT SUR LE TRANSFERT D'ÉNERGIE ÉLECTROMAGNÉTIQUE

(71) **SPLASHPower LIMITED** [GB/GB]; St. John's Innovation Centre, Cambridge CB4 0WS (GB).

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

(72, 75) **CHENG, Lily, Ka, Lai** [CA/GB]; 53 College Fields, Woodhead Drive, Cambridge CB4 1YZ (GB). **HAY, James, Westwood** [GB/GB]; 10 Watermead, Bar Hill, Cambridge CB3 8TJ (GB). **BEART, Pilgrim, Giles, William** [GB/GB]; 35 Royston Road, Harston, Cambridge CB2 5NH (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 **H01G**

(11) **WO 03/096362** (13) A2

(21) PCT/EP03/04928

(22) **12 May/mai 2003 (12.05.2003)**

(25) de (26) de

(30) 102 21 498.0 **14 May/mai 2002** DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH ENERGY DENSITY CAPACITORS

• CONDENSATEURS A DENSITE DE FLUX D'ÉNERGIE ÉLEVÉE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) **STERZEL, Hans-Josef** [DE/DE]; Wasgauring 3, 67125 Dannstadt-Schauernheim (DE). **KÜHLING, Klaus** [DE/DE]; Friedrichstr. 27, Mutterstadt 67112 (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).

(51)⁷ **H01H 33/42**

(11) **WO 03/096363** (13) A2

(21) PCT/NL03/00348

(22) **13 May/mai 2003 (13.05.2003)**

(25) nl (26) en

(30) 1020582 **13 May/mai 2002** NL
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DRIVE ROD FOR SWITCH

• TIGE D'ENTRAÎNEMENT POUR INTERRUPTEUR

(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) **NITERT, Gerhardus, Leonardus** [NL/NL]; Stationsweg 8, NL-7468 AT Center (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 33/66**

(11) **WO 03/096364** (13) A1

(21) PCT/DE03/01257

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

(25) de (26) de

(30) 102 21 363.1 **7 May/mai 2002** DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CUP-SHAPED SWITCH CONTACT PROVIDED WITH METAL VAPOUR SHIELD

• CONTACT DE COMMUTATION EN FORME DE POT POURVU D'UNE PROTECTION ANTI-VAPEURS MÉTALLIQUES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **WENZEL, Norbert** [DE/DE]; Lerchenbühl 70, 91056 Erlangen (DE). **HARTMANN, Werner** [DE/DE]; Karlsweg 10, 91085 Weisendorf (DE). **RENZ, Roman** [DE/DE]; Neuhofer Str. 78, 12355 Berlin (DE). **OBERNDÖRFER, Klaus** [DE/DE]; Thrasoltstr. 20, 10585 Berlin (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 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 **H01H 33/91**

(11) **WO 03/096365** (13) A1

(21) PCT/DE03/01259

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

(25) de (26) de

(30) 102 21 580.4 **8 May/mai 2002** DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTERRUPTER UNIT FOR A HIGH-VOLTAGE POWER SWITCH

• ENSEMBLE INTERRUPTEUR POUR DISJONCTEUR HAUTE TENSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **NOWAKOWSKI, Andrzej** [DE/DE]; Wittenauer Str. 23, 13435 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN 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 SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN RU 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 **H01H 33/91, 33/70, 9/52**

(11) **WO 03/096366** (13) A1

(21) PCT/DE03/01260

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

(25) de (26) de

(30) 102 21 576.6 **8 May/mai 2002** DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRIC SWITCHING DEVICE WITH A COOLING DEVICE

• COMMUTATEUR ÉLECTRIQUE A SYSTEME DE REFOUILLISSEMENT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **NOWAKOWSKI, Andrzej** [DE/DE]; Wittenauer Str. 23, 13435 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN 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 SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN RU 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 H01H 37/52

(11) WO 03/096367 (13) A1

(21) PCT/JP03/04137

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(30) 2002-131419 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THERMAL PROTECTOR
• PROTECTEUR THERMIQUE

(71) **UBUKATA INDUSTRIES CO.,LTD.** [JP/JP]; 4-30, Hoshio-cho, Minami-ku, Nagoya-shi, Aichi 457-0828 (JP).

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

(72, 75) **YAMADA, Takuya** [JP/JP]; 47, Kunotsubo Kamiyoshida, Nishiharu-cho, Nishika-sugai-gun, Aichi 481-0041 (JP).

(74) **SATO, Tsuyoshi**; Nagoya Aoba Seimei Building, 6-15, Sakae 4-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (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 H01H 59/00

(11) WO 03/096368 (13) A1

(21) PCT/US03/13317

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/140,658 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MICRO-ELECTRO-MECHANICAL SWITCH, AND METHODS OF MAKING AND USING IT.

• COMMUTATEUR MICRO ELECTRO-MECANIQUE ET SES PROCEDES DE FABRICATION ET D'UTILISATION.

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) **PILLANS, Brandon, W.**; 5859 Frankford Road #202, Dallas, TX 75252 (US). **FOREHAND, David, I.**; 1504 Idyllwild Drive, Plano, Collin County, TX 75075 (US).

(74) **MEEK, Kevin, J.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Suite 600, 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H01J 7/24, 19/08

(11) WO 03/096369 (13) A1

(21) PCT/US03/14134

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED GAS PRODUCTION

• PRODUCTION DE GAZ AU PLASMA

(71) **DANA CORPORATION** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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

(72, 75) **KUMAR, Satyendra** [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). **KUMAR, Devendra** [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 H01J 27/00, 33/02

(11) WO 03/096370 (13) A1

(21) PCT/US03/14122

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR FORMING AND USING PLASMA JETS
• PROCEDES ET APPAREIL POUR FORMER ET UTILISER DES JETS DE PLASMA

(71) **DANA CORPORATION** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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

(72, 75) **CHERIAN, Kuruvilla, A.** [AU/US]; 3265 Bolgos Circle, Ann Arbor, MI 48105 (US). **KUMAR, Devendra** [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). **KUMAR, Satyendra** [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/00

(11) WO 03/096371 (13) A2

(21) PCT/FR03/01043

(22) 3 Apr/avr 2003 (03.04.2003)

(25) fr (26) fr

(30) MI02A000961 7 May/mai 2002 IT (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR MAKING A COLOUR-SELECTION MASK FOR CATHODE RAY TUBE

• METHODE DE FABRICATION D'UN MASQUE DE SELECTION DES COULEURS POUR TUBE A RAYONS CATHODIQUES

(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) MAGNONE, Giuseppe [IT/IT]; Via Murette, 4, I-03012 Alatri (IT). BASSETTO, Remo [IT/IT]; Via G. Guisti 38, I-00034 Colferro (IT). MANCIOCCO, Guido [IT/IT]; Corso Filippo Turati, 44, I-00034 Colferro (IT). MENTUCCIA, Anna [IT/IT]; Via Valmontone 27, I-00031 Artena (IT).

(74) BONNANS, Arnaud; 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 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 HU IE IT LU MC NL PT RO 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 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 AP (GH GM 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 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 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; (t) for the following designation / pour la désignation suivante : US

(51)⁷ H01J 29/07

(11) WO 03/096372 (13) A1

(21) PCT/US03/11699

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 10/143,089 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CATHODE-RAY TUBE HAVING BRACKETS FOR MOUNTING A SHADOW MASK FRAME

• TUBE CATHODIQUE POSSEDANT DES PATTES DE FIXATION DESTINEES AU MONTAGE D'UN CADRE DE MASQUE PERFORE

(71) THOMSON LICENSING S. A. [FR/FR]; 46 Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

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

(72, 75) BUCHER, Alan, Weir [US/US]; 3070 Sensei Drive, Manheim, PA 17545 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia 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 H01J 29/94, 7/18, 9/39, 31/15, B01J 19/12

(11) WO 03/096373 (13) A1

(21) PCT/JP03/05772

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-136338 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RINGLESS GETTER-PROVIDED ELECTRONIC DEVICE, FIXING METHOD FOR RINGLESS GETTER, AND ACTIVATING METHOD FOR RINGLESS GETTER

• DISPOSITIF ELECTRONIQUE COMPRENANT UN GETTER SANS BAGUE, PROCEDE DE FIXATION DU GETTER SANS BAGUE ET PROCEDE D'ACTIVATION DU GETTER SANS BAGUE

(71) FUTABA CORPORATION [JP/JP]; 629 Oshiba, Mobara-shi, Chiba 297-0033 (JP).

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

(72, 75) ISHIGE, Shogo [JP/JP]; c/o Futaba Corporation, 629 Oshiba, Mobara-shi, Chiba 297-0033 (JP). YONEZAWA, Yoshihisa [JP/JP]; c/o Futaba Corporation, 629 Oshiba, Mobara-shi, Chiba 297-0033 (JP). OGAWA, Yukio [JP/JP]; c/o Futaba Corporation, 629 Oshiba, Mobara-shi, Chiba 297-0033 (JP).

(74) KAWASAKI, Takao; Toso Bldg., 8F, 9-2, 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 H01J 49/40

(11) WO 03/096374 (13) A1

(21) PCT/HU03/00037

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) P 0201537 8 May/mai 2002 HU (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TIME-OF-FLIGHT MASS SPECTROMETER WITH AN ION SOURCE EMITTING CONTINUOUSLY

• SPECTROMETRE DE MASSE DE MESURE DU TEMPS DE VOL AVEC UNE SOURCE D'IONS EMETTANT EN CONTINU

(71, 72) HÁRS, György [HU/HU]; Csiki hegyek u. 24/412, H-1118 Budapest (HU).

(74) DANUBIA; Patent & Law Office, 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 (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 H01J 49/40, 49/04, 49/16

(11) WO 03/096375 (13) A1

(21) PCT/US02/34291

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/280,608 25 Oct/oct 2001 US (25.10.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAL-TIME DETECTION METHOD AND SYSTEM FOR IDENTIFYING INDIVIDUAL AEROSOL PARTICLES

• PROCEDE ET SYSTEME DE DETECTION EN TEMPS REEL DESTINES A L'IDENTIFICATION DE PARTICULES INDIVIDUELLES D'AEROSOL

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

(72) **GARD, Eric, E.**; 615 Tersita Blvd., San Francisco, CA 94127 (US). **FERGENSON, David, P.**; 556 Rincon Avenue, Livermore, CA 94551 (US).

(74) **TAK, James, S.**; P.O. Box 808, L-703, Livermore, CA 94551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H01J 49/42

(11) WO 03/096376 (13) A1

(21) PCT/GB03/02041

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210930.4 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED MASS SPECTROMETER AND MASS FILTERS THEREFOR

• SPECTROMETRE DE MASSE AMÉLIORE ET FILTRES DE MASSE CORRESPONDANTS

(71) **THERMO ELECTRON CORPORATION** [US/US]; 81 Wyman Street, P.O. Box 9046, Waltham, MA 02254-9046 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRIOTT, Philip** [GB/GB]; Thermo VG Elemental, Ion Path, Road Three, Winsford, Cheshire CW7 3BX (GB).

(74) **FROST, Alex, John** 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 61/36, C04B 37/02

(11) WO 03/096377 (13) A1

(21) PCT/IB03/01928

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02076849.5 10 May/mai 2002 EP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEAL FOR A DISCHARGE LAMP

• JOINT POUR LAMPE A DECHARGE

(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) **BELDER, Gerald, F.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KESSELS, Martinus, J., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN AMSTEL, Antonius, C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VERLINDEN, Bart, T.** [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GEVEN, Andreas, S., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOLECH, Mark** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GUBBELS, Henricus, P., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUSSELDORP, Jan, C.**; 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 H01L

(11) WO 03/096378 (13) A2

(21) PCT/IB03/02356

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 0210764.7 10 May/mai 2002 GB (10.05.2002)

(30) 10/141,797 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISPLAY DRIVER IC, DISPLAY MODULE AND ELECTRICAL DEVICE INCORPORATING A GRAPHICS ENGINE

• CIRCUIT INTEGRE DE COMMANDE D'AFFICHAGE, MODULE D'AFFICHAGE ET DISPOSITIF ELECTRIQUE COMPRENANT UN MOTEUR GRAPHIQUE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minatoku, Tokyo 101-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BITBOYS, Oy** [FI/FI]; Rauhalammintie 1, FIN-29600 Noormarkku (FI). **KOSELJ, Metod** [SI/DE]; Nägele Str. 5, 40225 Düsseldorf (DE). **TUOMI, Mika** [FI/FI]; Riisviljante 38B as 2, FIN-29570 Soormarkku (FI).

(74) **WILDING, Frances, Ward**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (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

(11) WO 03/096379 (13) A2

(21) PCT/US02/18099

(22) 7 Jun/juin 2002 (07.06.2002)

(25) en (26) en

(30) 60/296,891 9 Jun/juin 2001 US (09.06.2001)

(30) 023795-2008 9 Jun/juin 2001 US (09.06.2001)

(30) 60/296,889 9 Jun/juin 2001 US (09.06.2001)

(30) 60/297,928 13 Jun/juin 2001 US (13.06.2001)

(30) 60/298,038 13 Jun/juin 2001 US (13.06.2001)

(30) 60/297,867 13 Jun/juin 2001 US (13.06.2001)

(30) 10/164,990 6 Jun/juin 2002 US (06.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RADIO FREQUENCY COMPONENT AND METHOD OF MAKING SAME

• COMPOSANT RADIOFREQUENCE ET PROCEDE DE FABRICATION ASSOCIE

(71) **COMPOSITE OPTICS, INC.** [US/US]; 9617 Distribution Avenue, San Diego, CA 92131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SEGAL, Kenneth, Neal** [US/US]; 8580 Trail View Drive, Ellicott City, MD 21043 (US). **KOGUT, Alan** [US/US]; 12409 Sadler Lane, Bowie, MD 20715 (US).

(72) **PRYOR, Mark, K.**; 6991 Wheatley Street, San Diego, CA 92111 (US). **MARKS, John, E.**; 2768 Surrey Lane, Escondido, CA 92029 (US). **BONEBRIGHT, Patrick, N.**; 7163 Camino Degrazia #119, San Diego, CA 92111 (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 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 H01L

(11) WO 03/096380 (13) A2

(21) PCT/US03/14036

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED NITROGEN SUR-
FACE-TREATMENT

• TRAITEMENT DE SURFACE AZOTEE
ASSISTE PAR PLASMA

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KUMAR, Devendra [US/US]; 850
Rambling Drive, Rochester Hills, MI 48307
(US). KUMAR, Satyendra [IN/US]; 3740
Edenderry Drive, Troy, MI 48083 (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).

(51)⁷ H01L

(11) WO 03/096381 (13) A2

(21) PCT/US03/14055

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED PROCESSING IN
A MANUFACTURING LINE

• TRAITEMENT PAR PLASMA DANS
UNE CHAÎNE DE FABRICATION

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DOUGHERTY, Michael, L., Sr.
[US/US]; 2255 Greenbriar Drive, Rochester
Hills, MI 48306 (US). KUMAR, Devendra
[US/US]; 850 Rambling Drive, Rochester
Hills, MI 48307 (US). KUMAR, Satyendra
[IN/US]; 3740 Edenderry Drive, Troy, MI
48083 (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).

(51)⁷ H01L

(11) WO 03/096382 (13) A2

(21) PCT/US03/14135

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR
PLASMA PROCESSING CONTROL

• PROCEDES ET DISPOSITIFS POUR
LE CONTROLE DE TRAITEMENT AU
PLASMA

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KUMAR, Satyendra [IN/US]; 3740
Edenderry Drive, Troy, MI 48083 (US). KU-
MAR, Devendra [US/US]; 850 Rambling
Drive, Rochester Hills, MI 48307 (US).

(74) GARRETT, Arhtur, 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).

(51)⁷ H01L

(11) WO 03/096383 (13) A2

(21) PCT/US03/14137

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAVITY SHAPES FOR PLASMA-AS-
SISTED PROCESSING

• FORMES DE CAVITE POUR TRAITE-
MENT AU PLASMA

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KUMAR, Satyendra [IN/US]; 3740
Edenderry Drive, Troy, MI 48083 (US). KU-
MAR, Devendra [US/US]; 850 Rambling
Drive, Rochester Hills, MI 48307 (US).

(74) GARRETT, Arhtur, 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).

(51)⁷ H01L

(11) WO 03/096384 (13) A2

(21) PCT/US03/14144

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/380,048 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONDUCTIVE INK

- ENCRE CONDUCTRICE
- (71) REVEO, INC. [US/US]; 85 Executive Blvd., Elmsford, NY 10523 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FARIS, Sadeg, M. [US/US]; 24 Pocantico River Road, Pleasantville, NY 10570 (US).
- (74) CRISPINO, Ralph, J.; Reveo, Inc., 85 Executive Blvd., Elmsford, NY 10523 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H01L
- (11) WO 03/096385 (13) A2
- (21) PCT/US03/14314
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/378,868 7 May/mai 2002 US (07.05.2002)
- (30) 60/455,018 12 Mar/mar 2003 US (12.03.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SILICON-ON-INSULATOR STRUCTURES AND METHODS
• STRUCTURE SILICIUM SUR ISOLANT ET PROCÉDES CORRESPONDANTS
- (71) ASM AMERICA, INC. [US/US]; 3440 East University Drive, Phoenix, AZ 85034-7200 (US).
- (72) WERKHOVEN, Chris; 1514 E. La Vieja Lane, Tempe, AZ 85284 (US). RAAIJMAKERS, Ivo; Soestdijkseweg 389, NL-3723 HD Bilthoven (NL). ARENA, Chantal; 3847 E. Ivyglen Circle, Mesa, AZ 85205 (US).
- (74) DELANEY, Karoline, A.; 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).
-
- (51)⁷ H01L
- (11) WO 03/096386 (13) A2
- (21) PCT/US03/14353
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 10/142,313 9 May/mai 2002 US (09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHODS FOR FORMING LOW RESISTIVITY, ULTRASHALLOW JUNCTIONS WITH LOW DAMAGE
• PROCÉDES POUR REALISER SANS DETERIORATION IMPORTANTE DES CONNEXIONS TRES PEU PROFONDES ET DE FAIBLE RESISTIVITE
- (71) VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC. [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).
- (72) DOWNEY, Daniel, F.; 8 Ryan Road, Magnolia, MA 01930 (US).
- (74) McCLELLAN, William, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 H01L
- (11) WO 03/096387 (13) A2
- (21) PCT/US03/14625
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 60/379,019 8 May/mai 2002 US (08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • HIGH EFFICIENCY SOLID-STATE LIGHT SOURCE AND METHODS OF USE AND MANUFACTURE
• SOURCE LUMINEUSE A SEMI-CONDUCTEURS A HAUT RENDEMENT ET LEURS PROCÉDES D'UTILISATION ET DE FABRICATION
- (71) PHOSEON TECHNOLOGY, INC. [US/US]; 14974 N.W. Greenbrier Parkway, Beaverton, OR 97006-5776 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) OWEN, Mark D. [US/US]; 16075 N.W. Telshire Drive, Beaverton, OR 97006 (US). MCNEIL, Tom [US/US]; 5410 N.W. Edgebrook Place, Portland, OR 97229-1972 (US). VLACH, Francois [FR/FR]; 12905 S.W. Bluebell Lane, Beaverton, OR 97006 (US).
- (74) GANZ, Bradley M. et al. / etc.; Ganz Law, P.C., P.O. Box 10105, Portland, OR 97296 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096388 (13) A2
- (21) PCT/US03/15795

- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- (30) 60/380,250 13 May/mai 2002 US (13.05.2002)
- (30) 10/315,366 10 Dec/déc 2002 US (10.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MICRO-MECHANICAL SYSTEM EMPLOYING ELECTROSTATIC ACTUATOR AND FABRICATION METHODS OF SAME
• SYSTEME MICROMECHANIQUE UTILISANT UN DISPOSITIF DE COMMANDE ELECTROSTATIQUE ET PROCÉDES DE FABRICATION ASSOCIES
- (71, 72) ABU-AGEEL, Nayef, M. [US/US]; 45K Rolling Green Drive, Fall River, MA 02720 (US).
- (74) SCHNURR, Richard, A.; Howrey Simon Arnold & White, LLP, Suite 3400, 321 N. Clark, 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 NO NZ 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).
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- (51)⁷ H01L 21/00
- (11) WO 03/096389 (13) A2
- (21) PCT/DE03/01529
- (22) 12 May/mai 2003 (12.05.2003)
- (25) de (26) de
- (30) 102 21 503.0 14 May/mai 2002 DE (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METAL OBJECT TO BE AT LEAST PARTIALLY COATED WITH A SUBSTANCE
• ARTICLE EN METAL DESTINE A ETRE RECOUVERT AU MOINS EN PARTIE, D'UNE SUBSTANCE
- (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) RIEDL, Edmund [DE/DE]; Uhlandweg 3, 93083 Obertraubling (DE). SCHOBER, Wolfgang [DE/DE]; Hammermeisterstr. 22, 92224 Amberg (DE).
- (74) SCHWEIGER, Martin; Karl-Theodor-Str. 69, 80803 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).

(51)⁷ H01L 21/00, 21/302, 21/461, 29/76, 29/94, 31/113, 31/117, 31/119

(11) WO 03/096390 (13) A1

(21) PCT/US02/11785

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH-K DIELECTRIC FOR THERMODYNAMICALLY-STABLE SUBSTRATE-TYPE MATERIALS

• DIELECTRIQUE K ELEVE POUR MATERIAUX DE TYPE SUBSTRATS THERMODYNAMIQUEMENT STABLES

(71) STANFORD UNIVERSITY [US/US]; Office of Technology Licensing, Suite 350, 900 Welch Road, Palo Alto, CA 94304-7295 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) CHUI, Chi, On [CN/US]; 214C 37th Avenue, San Mateo, CA 94403 (US). SARASWAT, Krishna, C. [US/US]; 12356 Parker Ranch Road, Saratoga, CA 95070 (US). TRIPLETT, Baylor, B. [US/US]; Route 2, Box 200, La Honda, CA 94020 (US).

(74) CRAWFORD, Robert, J.; Crawford PLLC, Suite 390, 1270 Northland Drive, Saint 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 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).

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 PL PT RO RU SD SE SG SI 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 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 H01L 21/00, G05D 23/27, G01N 29/24, G01K 11/22

(11) WO 03/096391 (13) A2

(21) PCT/US03/13243

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/142,178 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR CONTROLLING WAFER TEMPERATURE

• SYSTEME ET PROCEDE DE REGULATION DE LA TEMPERATURE D'UNE PLAQUETTE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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

(72, 75) DRAKE, Thomas, E. [US/US]; 2530 Ryan Place Drive, Fort Worth, TX 76110 (US).

(74) MCLAUCHLAN, Robert, A.; Koestner Bertani LLP, 4201 W. Parmer Lane, Suite A-100, Austin, TX 78727, (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/00

(11) WO 03/096392 (13) A2

(21) PCT/US03/13639

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/143,269 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF ETCHING A TRENCH IN A SILICON-ON-INSULATOR (SOI) STRUCTURE

• PROCEDE DE GRAVURE D'UNE TRANCHEE DANS UNE STRUCTURE DE SILICIUM SUR ISOLANT

(71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).

(72) NALLAN, Padmapani, C.; 2200 Pettigrew Drive, San Jose, CA 95148 (US). KUMAR, Ajay; 510 Kenilworth Court, Sunnyvale, CA 94087 (US). KHAN, Anisul, H.; 3450 Tracy Drive, Santa Clara, CA 95051 (US). YANG, Chan-Syun, David; 5711 Tubac Lane, San Jose, CA 95118 (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 H01L 21/00

(11) WO 03/096393 (13) A2

(21) PCT/US03/14302

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/139,631 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA ARCHIVE RECOVERY

• RECUPERATION DE DONNEES ARCHIVEES

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) GANOS, Dan, G.; 7226 Pine Grove Way, Folsom, CA 95630 (US).

(74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

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

(t) for all designations / pour toutes les désignations

(51)⁷ H01L 21/00

(11) WO 03/096394 (13) A2

(21) PCT/US03/14475

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,476 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A MULTI-LAYER INDUCTOR FORMED IN A SEMICONDUCTOR SUBSTRATE AND HAVING A CORE OF FERROMAGNETIC MATERIAL

• BOBINE D'INDUCTANCE MULTICOUCHE FORMEE DANS UN SUBSTRAT A SEMI-CONDUCTEUR ET PRESENTANT UN NOYAU DE MATERIAU FERROMAGNETIQUE

(71) AGERE SYSTEMS, INC. [US/US]; 555 Union Boulevard, Allentown, PA 18109 (US).

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

(72, 75) GRIGLIONE, Michelle, D. [US/US]; 8600 Oldbridge Lane, Orlando, FL 32819 (US). LAYMAN, Paul, Arthur [US/US]; 7893 Cannon Lake Circle, Orlando, FL 32835 (US). LARADJI, Mohamed [US/US]; 1801 Sir Lancelot Circle, St. Cloud, FL 34772 (US). THOMSON, J., Ross [US/US]; 556 Summerwood Drive, Clermont, FL 37411 (US). CHAUDHRY, Samir [IN/US]; 886 Nandina Drive, Westin, FL 33327 (US).

(74) **DEANGELIS, John, L., Jr.**; Beusse Brownlee Bowdoin & Wolter, P.A., 390 N. Orange Ave., Suite 2500, Orlando, FL 32801 (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).

(51)⁷ H01L 21/02, 21/68, F24F 7/06, 9/00

(11) WO 03/096395 (13) A1

(21) PCT/JP02/10584

(22) 11 Oct/oct 2002 (11.10.2002)

(25) ja (26) ja

(30) 2002-135222 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR MANUFACTURING APPARATUS OF MINIENVIRONMENT SYSTEM

• APPAREIL DE FABRICATION A SEMI-CONDUCTEURS DE SYSTEME DE MICRO-ENVIRONNEMENT

(71) **KONDOH INDUSTRIES, LTD.** [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP). **CAMBRIDGE FILTER JAPAN, LTD.** [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KISAKIBARU, Toshiro** [JP/JP]; c/o Cambridge Filter Japan, Ltd., 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(74) **YAMASAKI, Yukuzo** et al. / etc.; Yamasaki Law and Patent Office, Sogo Nagatacho Bldg. 8F, 11-28, Nagatacho 1-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) CN 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 21/20, C23C 16/44, C30B 25/12

(11) WO 03/096396 (13) A1

(21) PCT/US03/11734

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 10/141,515 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PROCESS AND SYSTEM FOR HEATING SEMICONDUCTOR SUBSTRATES IN A PROCESSING CHAMBER CONTAINING A SUSCEPTOR

• PROCEDE ET SYSTEME DE CHAUFFAGE DE SUBSTRATS SEMI-CONDUCTEURS DANS UNE CHAMBRE DE TRAITEMENT CONTENANT UN SUSCEPTEUR

(71) **MATTSON TECHNOLOGY, INC** [US/US]; 47131 Bayside Parkway, Fremont, CA 94538 (US).

(72) **LEE, Young, Jai**; 1547 Klamath Drive, Sunnyvale, CA 94087 (US). **WANG, Ronald, L.**; 4792 Lancaster Drive, NE 122, Salem, OR 97305 (US). **LY, Steven**; 3081 Balgray Court, San Jose, CA 95148 (US). **DEVINE, Daniel, J.**; 108 Newall Avenue, Los Gatos, CA 95032 (US).

(74) **DORITY & MANNING, P.A.**; P.O. Box 1449, Greenville, SC 29602 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/265

(11) WO 03/096397 (13) A1

(21) PCT/US03/14415

(22) 9 May/mai 2003 (09.05.2003)

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(30) 60/379,692 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND SYSTEMS FOR DOPANT PROFILING

• PROCEDES ET SYSTEMES D'ETABLISSEMENT DE LA PROFONDEUR DU DOPANT

(71) **VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.** [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).

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

(72, 75) **DOWNEY, Daniel, F.** [US/US]; 8 Ryan Road, Gloucester, MA 01930 (US). **AREVALO, Edwin** [US/US]; 34 Miriam Road, Waltham, MA 02451 (US).

(74) **OLIVER, Kevin, A.** et al. / etc.; Foley Hoag LLP, Patent Group, 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 H01L 21/265, 21/26, 21/425

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(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,692 10 May/mai 2002 US (10.05.2002)

(30) 10/156,981 9 May/mai 2003 US (09.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND SYSTEMS FOR DOPANT PROFILING

• PROCEDES ET SYSTEMES POUR ETABLIR DES PROFILS DE DOPANTS

(71) **VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.** [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).

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

(72, 75) **DOWNEY, Daniel, F.** [US/US]; 8 Ryan Road, Gloucester, MA 01930 (US). **AREVALO, Edwin** [US/US]; 34 Miriam Road, Waltham, MA 02451 (US).

(74) **OLIVER, Kevin, A.** 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).

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(25) de (26) de

(30) 102 20 999.5 11 May/mai 2002 DE (11.05.2002)

(30) 103 04 722.0 6 Feb/fév 2003 DE (06.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PRODUCING A SEMICONDUCTOR COMPONENT, AND SEMICONDUCTOR COMPONENT PRODUCED BY THE SAME

• PROCEDE DE PRODUCTION D'UN COMPOSANT SEMI-CONDUCTEUR ET COMPOSANT SEMI-CONDUCTEUR AINSI PRODUIT

(71) **UNITED MONOLITHIC SEMICONDUCTORS GMBH** [DE/DE]; Wilhelm-Runge-Strasse 11, 89081 Ulm (DE).

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

(72, 75) **BEHAMMER, Dag** [DE/DE]; Im Wiblinger Hart 22, 89079 Ulm (DE).

(74) **WEBER, Gerhard**; Postfach 2029, 89073 Ulm (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 **H01L 21/31, C23C 16/455, H01L 21/3065, H05H 1/46**

(11) **WO 03/096400** (13) A1

(21) PCT/JP03/05851

(22) **9 May/mai 2003 (09.05.2003)**

(25) ja (26) ja

(30) 2002-136188 **10 May/mai 2002 JP (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA PROCESSING EQUIPMENT AND PLASMA PROCESSING METHOD

• EQUIPEMENT ET DISPOSITIF DE TRAITEMENT DE 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) **MATSUOKA, Takaaki** [JP/JP]; C/O TOKYO ELECTRON LIMITED, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). **KAWAKAMI, Satoru** [JP/JP]; C/O TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). **IWABUCHI, Katsuhiko** [JP/JP]; C/O TOKYO ELECTRON EE LIMITED, 1-2-41, Machiya, Shiroyama-machi, Tsukui-gun, Kanagawa 220-0101 (JP).

(74) **AOKI, Atsushi** 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 **H01L 21/316, C25D 11/32 // H01J 1/312, 9/02**

(11) **WO 03/096401** (13) A1

(21) PCT/JP03/05976

(22) **14 May/mai 2003 (14.05.2003)**

(25) ja (26) ja

(30) 2002-138993 **14 May/mai 2002 JP (14.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ELECTROCHEMICAL OXIDATION

• PROCEDE D'OXYDATION ELECTRO-CHIMIQUE

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

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

(72, 75) **WATABE, Yoshifumi** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **AIZAWA, Koichi** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **KOMODA, Takuya** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **HATAI, Takashi** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **HONDA, Yoshiaki** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (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 **H01L 21/316**

(11) **WO 03/096402** (13) A2

(21) PCT/US03/09595

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(30) 10/139,454 **6 May/mai 2002 US (06.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS OF CONTROLLING OXYGEN PARTIAL PRESSURE DURING ANNEALING OF A PEROVSKITE DIELECTRIC LAYER, AND STRUCTURES FABRICATED THEREBY

• PROCEDES DE COMMANDE DE PRESSION PARTIELLE D'OXYGENE PENDANT LE RECUIT D'UNE

COUCHE DIELECTRIQUE DE PEROVSKITE ET STRUCTURES FABRIQUEE PAR CES PROCEDES

(71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; Campus Box 8210, 2401 Research Drive, Raleigh, NC 27695-8210 (US).

(72) **MARIA, Jon-Paul**; 1041 Avent Hill, Raleigh, NC 27606-8004 (US). **KINGON, Angus, Ian**; 138 Trafalgar Lane, Cary, NC 27513 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/318, 29/78**

(11) **WO 03/096403** (13) A1

(21) PCT/JP03/04036

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) ja (26) ja

(30) 2002-137326 **13 May/mai 2002 JP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF TREATING SUBSTRATE
• PROCEDE DE TRAITEMENT D'UN SUBSTRAT

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 107-8481 (JP).

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(72, 75) **MATSUYAMA, Seiji** [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-Cho, Amagasaki-Shi, Hyogo 660-0891 (JP). **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). **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).

(74) **ITO, 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).

(51)⁷ H01L 21/331

(11) WO 03/096404 (13) A1

(21) PCT/SE03/00698

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 0201425-6 8 May/mai 2002 SE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF FORMING BASE REGIONS AND EMITTER WINDOWS IN SILICON BIPOLAR TRANSISTORS

• PROCEDE DE FORMATION DE REGIONS DE BASE ET DE FENETRES D'EMETTEUR DANS DES TRANSISTORS BIPOLAIRES AU SILICIUM

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; Telefonvägen 30, S-126 25 STOCKHOLM (SE).

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

(72, 75) JOHANSSON, Ted [SE/SE]; Sveavägen 66, S-182 62 DJURSHOLM (SE). NORSTRÖM, Hans [SE/SE]; Mårdstigen 3, S-170 71 SOLNA (SE).

(74) KRANSELL & WENNBORG AB; P.O. Box 27834, S-115 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).

(51)⁷ H01L 21/336

(11) WO 03/096405 (13) A1

(21) PCT/US03/10789

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 10/143,225 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ULTRA SMALL THIN WINDOWS IN FLOATING GATE TRANSISTORS DEFINED BY LOST NITRIDE SPACERS

• FENETRES MINCES ULTRA PETITES DANS DES TRANSISTORS A GRILLE FLOTTANTE FORMES PAR DES ESPACEURS FANTOMES EN NITRURE

(71) ATMEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) DAEMEN, Eleonore; Quartier Marignon Nord, Chemin de la Seriganane, F-13530 Trets (FR). RENNINGER, Alan, L.; 10649 Nathanson Avenue, Cupertino, CA 95014 (US). LOJEK, Bohumil; 4830 Langdale Way, Colorado Springs, CO 80906 (US).

(74) SCHNECK, Thomas et al. / etc.; 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 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 H01L 21/336, 29/76

(11) WO 03/096406 (13) A1

(21) PCT/US03/14626

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/142,600 10 May/mai 2002 US (10.05.2002)

(30) 10/142,622 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SURFACE GEOMETRY FOR MOS-GATED DEVICE

• GEOMETRIE DE SURFACE POUR DISPOSITIF A GRILLE MOS

(71) GENERAL SEMICONDUCTOR, INC. [US/US]; 10 Melville Park Road, Melville, NY 11747-3113 (US).

(72) BLANCHARD, Richard, A.; 10724 Mora Drive, Los Altos, CA 92024 (US).

(74) WILLIAMS, Karin, L. et al. / etc.; Mayer Forkort & Williams, PC, 251 North Avenue West, 2nd Floor, 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).

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(51)⁷ H01L 21/44, 21/283, 21/24, 21/4763, 29/45

(11) WO 03/096407 (13) A1

(21) PCT/SG03/00096

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 200202489-1 25 Apr/avr 2002 SG (25.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR FORMING A NICKEL SILICIDE LAYER ON A SILICON SUBSTRATE

• PROCEDE DE FORMATION D'UNE COUCHE DE SILICIURE DE NICKEL SUR UN SUBSTRAT DE SILICIUM

(71) INSTITUTE OF MATERIALS RESEARCH AND ENGINEERING [SG/SG]; 3 Research Link, Singapore 117602 (SG). NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).

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(72, 75) CHI, Dongzhi [CN/CN]; 37 Jurong East Ave 1, #10-01 Parc Oasis, Singapore 609775 (SG). LEE, Rinus, Tek, Po [MY/SG]; Blk 39 Circuit Road #10-595, Singapore 370039 (SG). LAHIRI, Syamal, Kumar [IN/US]; 711 Berkshire Pl., Milpitas, CA 95035 (US). CHUA, Soo, Jin [MY/SG]; 37 Cheng Soon Crescent, Singapore 599909 (SG).

(74) KOH, Patsy; Tay, Edward; et al. / etc.; Arthur Loke Bernard Rada & Lee, 9, Temasek Boulevard #23-01, Suntec Tower two, Singapore 038989 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 H01L 21/56, 21/68, C09J 7/02

(11) WO 03/096408 (13) A1

(21) PCT/NL03/00346

(22) 12 May/mai 2003 (12.05.2003)

(25) nl (26) en

(30) 1020594 **14 May/mai 2002** NL
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ENCAPSULATING AN ELECTRONIC COMPONENT USING A FOIL LAYER

• PROCEDE PERMETTANT L'ENCAPSULATION D'UN COMPOSANT ELECTRONIQUE AU MOYEN D'UNE COUCHE DE MATERIAU EN FEUILLE

(71) FICO B.V. [NL/NL]; Ratio 6, NL-6921 RW Duiven (NL).

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

(72, 75) GAL, Wilhelmus, Gerardus, Jozef [NL/NL]; Beekseweg 2, NL-7031 AX Kilder (NL). DE VRIES, Franciscus, Bernardus, Antonius [NL/NL]; Hasselt 11, NL-7152 KV Eibergen (NL).

(74) VAN DEN HEUVEL, Henricus, Theodorus; Patentwerk B.V., P.O. Box 1514, NL-5200 BN 's-Hertogenbosch (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 H01L 21/66

(11) WO 03/096409 (13) A1

(21) PCT/KR03/00878

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 10-2002-0025400 **8 May/mai 2002** KR
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR PROBE WITH RESISTIVE TIP AND METHOD OF FABRICATING THE SAME, AND INFORMATION RECORDING APPARATUS, INFORMATION REPRODUCING APPARATUS, AND INFORMATION MEASURING APPARATUS HAVING THE SEMICONDUCTOR PROBE

• SONDE SEMI-CONDUCTRICE A POINTE RESISTIVE ET PROCEDE DE FABRICATION ASSOCIE, APPAREILS D'ENREGISTREMENT, DE LECTURE ET DE MESURE D'INFORMATION, ET APPAREIL COMPORTANT CETTE SONDE

(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) PARK, Hong-Sik [KR/KR]; 303, 107-12 Samjeon-dong, Songpa-gu, Seoul 138-840 (KR). SHIN, Hyun-Jung [KR/KR];

314-1404 Kachi Maeul Sinwon Apt., 66, Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-739 (KR). JUNG, Ju-Hwan [KR/KR]; B01 Grand Village, 381-2, Yangjae-dong, Seocho-gu, Seoul 137-130 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/68, B65G 49/07

(11) WO 03/096410 (13) A1

(21) PCT/JP03/05830

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-136102 **10 May/mai 2002** JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBSTRATE PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE SUBSTRAT

(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) MATSUOKA, Takaaki [JP/JP]; c/o TOKYO ELECTRON LIMITED, 3-6 Akasaka 5-Chome, Minato-Ku, Tokyo 107-8481 (JP). IWABUCHI, Katsuhiko [JP/JP]; c/o TOKYO ELECTRON EE LIMITED, 2-41, Machiya 1-Chome, Shiroyama-Machi, Tsukui-Gun, Kanagawa 220-0101 (JP). ISHIZAWA, Shigeru [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP). HIROKI, Tsutomu [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (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) EP (AT BE 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 21/768

(11) WO 03/096411 (13) A1

(21) PCT/US03/12591

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/140,538 **7 May/mai 2002** US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD FOR FORMING CONFORMAL NITRIFIED TANTALUM SILICIDE FILMS BY THERMAL CVD FOLLOWED BY NITRIDATION

• PROCEDE PERMETTANT DE FORMER DES FILMS EN SILICIURE DE TANTALE NITRIFIE CONFORMES, PAR LE BIAIS D'UN PROCEDE THERMIQUE DE DEPOT CHIMIQUE EN PHASE VAPEUR SUIVI D'UNE NITRURATION

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).

(71) TOKYO ELECTRON ARIZONA, INC. [US/US]; 2120 West Guadalupe Road, Gilbert, AZ 85233-8205 (US).
(only for / seulement pour JP)

(72) LUDVIKSSON, Audunn; 11580 East Desert Holly Drive, Scottsdale, AZ 85255 (US). HILLMAN, Joseph, T.; 7777 E. Main Street #227, Scottsdale, AZ 85251 (US).

(74) FREI, Donald, F. 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 H01L 21/8222, 27/082

(11) WO 03/096412 (13) A2

(21) PCT/EP03/05001

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 416.6 **14 May/mai 2002** DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE PRODUCTION OF AN INTEGRATED CIRCUIT AND INTEGRATED CIRCUIT WITH A BIPO-LAR TRANSISTOR AND A HETERO BIPOLAR TRANSISTOR

• PROCEDE DE PRODUCTION D'UN CIRCUIT INTEGRE ET CIRCUIT INTEGRE POURVU D'UN TRANSISTOR

BIPOLAIRE ET D'UN TRANSISTOR
HETERO-BIPOLAIRE(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) DAHL, Claus [DE/DE]; Breughel-
str. 2, 01109 Dresden (DE). MUELLER,
Karlheinz [DE/DE]; Finkenweg 11, 84149
Velden (DE). WAGNER, Cajetan [DE/DE];
Bautzner Str. 12, 01099 Dresden (DE).(74) ZINKLER, Franz et al. / etc.; Schoppe,
Zimmermann, Stöckeler & Zinkler, Postfach
246, 82043 Pullach bei 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 H01L 21/8246, 27/105, 27/115, 21/8247,
21/28, 29/788

(11) WO 03/096413 (13) A1

(21) PCT/IB03/01740

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 02076830.5 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF MANUFACTURING A
SEMICONDUCTOR NON-VOLATIEL
MEMORY• PROCEDE DE FABRICATION D'UNE
MEMOIRE NON VOLATILE A SEMI-
CONDUCTEURS(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 SCHAIJK, Robertus, T., F.
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL). SLOTBOOM, Michiel
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).(74) DUIJVESTIJN, Adrianus, J.; 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).

Published / Publiée : (c)

(51)⁷ H01L 23/367

(11) WO 03/096414 (13) A2

(21) PCT/FR03/01426

(22) 7 May/mai 2003 (07.05.2003)

(25) fr (26) fr

(30) 02/05777 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWER SUPPLY COMPONENT AS-
SEMBLY ON A PRINTED CIRCUIT
AND METHOD FOR OBTAINING
SAME• ASSEMBLAGE DE COMPOSANTS
DE PUISSANCE SUR UN CIRCUIT
IMPRIME AINSI QU'UN PROCEDE
D'OBTENTION D'UN TEL ASSEM-
BLAGE(71) UNIVERSITE D'ANGERS [FR/FR]; 40,
rue de Rennes, F-49035 Angers Cedex (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GUILLET, Michel [FR/FR]; 2, rue
Bourgonnier, F-49000 Angers (FR). GUIG-
NARD, Jean-Claude [FR/FR]; 8, rue Pierre
Sorin, F-49000 Angers (FR).(74) MAILLET, Alain; Cabinet Le Guen Mail-
let, 5, place Newquay, B.P. 70250, F-35802
Dinard 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 H01L 23/373, 21/60, 29/423

(11) WO 03/096415 (13) A1

(21) PCT/DE03/00376

(22) 10 Feb/fév 2003 (10.02.2003)

(25) de (26) de

(30) 102 21 082.9 11 May/mai 2002 DE
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR COMPONENT
• COMPOSANT A SEMI-CONDUCTEUR(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 02, 70442 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HAUENSTEIN, Henning [DE/DE];
Friedrich-Ebert-Strasse 9/1, 72762 Reutlin-
gen (DE). TOPP, Rainer [DE/DE]; Moselstr.
61, 72768 Reutlingen (DE). SEIBOLD,
Jochen [DE/DE]; Bergstr. 11/1, 72070 Tue-
bingen (DE). BALSZUNAT, Dirk [DE/DE];
Alpirsbacher Weg 8, 70569 Stuttgart (DE).
ERNST, Stephan [DE/DE]; Feldbergstrasse
18, 73760 Ostfildern (DE). FEILER, Wolf-
gang [DE/DE]; Hundschlestrasse 7, 72766
Reutlingen (DE). KOESTER, Thomas
[DE/DE]; Schwellerhaldestr. 1, 72770 Reut-
lingen (DE). HORNUNG, Stefan [DE/DE];
Rossbergstr. 25, 70771 Leinfelden (DE).
STREB, Dieter [DE/DE]; Adolf-Dam-
aschke-Str. 32, 72770 Reutlingen (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 23/373

(11) WO 03/096416 (13) A2

(21) PCT/US03/10485

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(30) 10/141,735 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REACTIVE SOLDER MATERIAL
• MATIERE DE SOUDURE REACTIVE(71) INTEL CORPORATION (a Delaware
Corporation) [US/US]; 2200 Mission Col-
lege Boulevard, Santa Clara, CA 95052 (US).(72) HUA, Fay; 5389 Ligurian Drive, San Jose,
CA 95138 (US). DEPPISCH, Carl; 14435
South 48th, #2186, Phoenix, AZ 85044 (US).
WHITTENBURG, Krista; 932 West Park-
way Boulevard, Tempe, AZ 85281 (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 H01L 23/488

(11) WO 03/096417 (13) A1

(21) PCT/DE03/00052

(22) 10 Jan/jan 2003 (10.01.2003)

(25) de (26) de

(30) 102 21 085.3 11 May/mai 2002 DE
(11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONNECTING DEVICE FOR CON-
TACTING A SEMICONDUCTOR COM-
PONENT• DISPOSITIF DE CONNEXION PER-
METTANT LA MISE EN CONTACT
D'UN COMPOSANT A SEMICONDUCTEUR(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HAUENSTEIN, Henning [DE/DE];
Friedrich-Ebert-Strasse 9/1, 72762 Reutlin-
gen (DE). BALSZUNAT, Dirk [DE/DE];
Alpirsbacher Weg 8, 70569 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 H01L 23/62

(11) WO 03/096418 (13) A1

(21) PCT/US02/33593

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 60/335,912 2 Nov/nov 2001 US (02.11.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVING THE TRIGGERING OF AN ESD NMOS THROUGH THE USE OF AN N-TYPE BURIED LAYER

• AMELIORATION DU DECLENCHEMENT D'UNE STRUCTURE NMOS ANTI-DECHARGE, PAR L'UTILISATION D'UNE COUCHE ENFOUIE DE TYPE N

(71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 81 Running Hill Road, South Portland, ME 04106 (US).

(72) HULFACHOR, Ronald, Brett; 112 Oakhurst Road, Cape Elizabeth, ME 04107 (US).

(74) PAUL, Edwin, H. 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (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 H01L 23/66, 23/528

(11) WO 03/096419 (13) A2

(21) PCT/EP03/50070

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 20 653.8 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTEGRATED STRIP CONDUCTOR ARRANGEMENT

• ENSEMBLE PISTES CONDUCTRICES INTEGRE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St. Martin-Strasse 53, 81669 München (DE).

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

(72, 75) STRASSER, Rudolf [AT/DE]; Schlierseestr. 105, 81539 München (DE).

(74) KINDERMANN, Peter; Patentanwälte Kindermann, Postfach 1330, 85627 Grasbrunn (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 RO SE SI SK TR).

(51)⁷ H01L 23/66

(11) WO 03/096420 (13) A1

(21) PCT/FR03/01372

(22) 2 May/mai 2003 (02.05.2003)

(25) fr (26) fr

(30) 02 05712 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CIRCUIT COMPRISING A CAPACITOR AND AT LEAST ONE SEMICONDUCTOR COMPONENT, AND METHOD FOR DESIGNING SAME

• CIRCUIT ELECTRONIQUE COMPRENANT UN CONDENSATEUR ET AU MOINS UN COMPOSANT SEMI-CONDUCTEUR, ET PROCEDE DE CONCEPTION D'UN TEL CIRCUIT

(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) CATHELIN, Andréa [FR/FR]; 23 Le Champ du Pont, 38190 Laval (FR). BERNARD, Christophe [FR/FR]; 73 allée du Mont Aiguille, 38640 Claix (FR). DELPECH, Philippe [FR/FR]; 6 Allée du Grand Duc, 38240 Meylan (FR). TROADEC, Pierre [FR/FR]; 45 Quai Jongkind, 38000 Grenoble (FR). SALAGER, Laurent [FR/FR]; Bât. F, le Bellevue, 38420 Domene (FR). GARNIER, Christophe [FR/FR]; La Croix des Rameaux, 38570 Theys (FR).

(74) LOISEL, Bertrand, et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(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 H01L 27/088

(11) WO 03/096421 (13) A1

(21) PCT/JP03/06020

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-138638 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD, AND ELECTRONIC DEVICE

• DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION, ET DISPOSITIF ELECTRONIQUE

(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) NAGANO, Takashi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,

Shinagawa-ku, Tokyo 141-0001 (JP). MORITA, Yasushi [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 JP KR US.

(51)⁷ H01L 27/105, 43/08, G11C 11/15

(11) WO 03/096422 (13) A1

(21) PCT/JP03/05751

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-133598 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR STORAGE DEVICE

• DISPOSITIF DE STOCKAGE SEMI-CONDUCTEUR

(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) KATOH, Yuukoh [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 KE KG KP KR KZ LC LK 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 H01L 27/105, G11C 11/15, H01L 43/08

(11) WO 03/096423 (13) A1

(21) PCT/JP03/05953

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-136484 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR STORAGE DEVICE AND PRODUCTION METHOD THEREFOR

• DISPOSITIF DE STOCKAGE A SEMI-CONDUCTEURS ET PROCEDE DE PRODUCTION DE CELUI-CI

(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) KATO, Yuukoh [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 KE KG KP KR KZ LC LK 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 H01L 27/115, 21/8246, 21/8247, 27/12, 21/84, 21/28

(11) WO 03/096424 (13) A1

(21) PCT/DE03/01489

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 20 923.5 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NON-VOLATILE FLASH SEMICONDUCTOR MEMORY AND PRODUCTION METHOD
• MEMOIRE FLASH A SEMI-CONDUCTEURS NON VOLATILE ET SON PROCEDE DE PRODUCTION

(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) HOFMANN, Franz [DE/DE]; Herbergstr. 25 B, 80995 München (DE). LANDGRAF, Erhard [DE/DE]; Gerhardstrasse 23, 81543 München (DE). RÖSNER, Wolfgang [DE/DE]; Sudetenstrasse 23, 85521 Ottobrunn (DE). SPECHT, Michael [DE/DE]; Schraudolphstr. 42, 80799 München (DE). STAEBELE, Martin [DE/DE]; Ostpreussenstrasse 6, 85521 Ottobrunn (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Ridlerstrasse 55, 80339 München (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).

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(51)⁷ H01L 27/12, 27/115, 21/84, 21/8247, 21/28, 29/788

(11) WO 03/096425 (13) A1

(21) PCT/DE03/01488

(22) 9 May/mai 2003 (09.05.2003)

(25) de (26) de

(30) 102 20 922.7 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FLASH MEMORY CELL AND PRODUCTION METHOD

• CELLULE DE MEMOIRE FLASH ET SON PROCEDE DE PRODUCTION

(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) HOFMANN, Franz [DE/DE]; Herbergstr. 25 B, 80995 München (DE). SPECHT, Michael [DE/DE]; Schraudolphstr. 42, 80799 München (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Ridlerstrasse 55, 80339 München (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).

Published / Publiée : (c)

(51)⁷ H01L 27/12, 21/265

(11) WO 03/096426 (13) A1

(21) PCT/JP03/05783

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-133090 8 May/mai 2002 JP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR SUBSTRATE MANUFACTURING METHOD AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD, AND SEMICONDUCTOR SUBSTRATE AND SEMICONDUCTOR DEVICE MANUFACTURED BY THE METHODS

• PROCEDES DE FABRICATION D'UN SUBSTRAT ET D'UN DISPOSITIF A SEMI-CONDUCTEURS, SUBSTRAT ET DISPOSITIF A SEMI-CONDUCTEURS PRODUITS A L'AIDE DE CES PROCEDES

(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) OGURA, Atsushi [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 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 27/146

(11) WO 03/096427 (13) A1

(21) PCT/JP03/05852

(22) 9 May/mai 2003 (09.05.2003)

(25) ja (26) ja

(30) 2002-136206 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REAR SURFACE IRRADIATION PHOTODIODE ARRAY AND METHOD FOR PRODUCING THE SAME

• RESEAU DE PHOTODIODE D'IRRADIATION DE FACE ARRIERE ET PROCEDE DE PRODUCTION D'UN TEL RESEAU

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(72) FUJII, Yoshimaro; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). OKAMOTO, Kouji; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). SAKAMOTO, Akira; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/76

(11) WO 03/096428 (13) A1

(21) PCT/US03/14943

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,214 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRENCH DMOS TRANSISTOR STRUCTURE

• STRUCTURE DE TRANSISTOR DMOS A TRANCHEE

(71) GENERAL SEMICONDUCTOR, INC. [US/US]; 10 Melville Park Road, Melville, NY 11747-3113 (US).

(72) BLANCHARD, Richard, A.; 10724 Mora Drive, Los Altos, CA 94024 (US).

(74) MAYER, Stuart, H. et al. / etc.; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, 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).

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(51)⁷ H01L 29/78

(11) WO 03/096429 (13) A1

(21) PCT/KR03/00852

(22) 26 Apr/avr 2003 (26.04.2003)

(25) en (26) en

(30) 10-2002-0025399 8 May/mai 2002 KR (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD OF FABRICATING PROBE FOR SPM HAVING FET CHANNEL STRUCTURE UTILIZING SELF-ALIGNED FABRICATION

- PROCEDE DE FABRICATION DE SONDE DE MICROSCOPE A BALAYAGE A STRUCTURE CANAL DE TEF REALISEE AU MOYEN D'UNE FABRICATION A ALIGNEMENT AUTOMATIQUE

(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) PARK, Hong-Sik [KR/KR]; 303, 107-12 Samjeon-dong, Songpa-gu, Seoul 138-840 (KR). SHIN, Hyun-Jung [KR/KR]; 314-1404 Kachi Macul Sinwon Apt., 66, Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-739 (KR). JUNG, Ju-Hwan [KR/KR]; B01 Grand Village, 381-2, Yangjae-dong, Seocho-gu, Seoul 137-130 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/786, 21/762, 21/336

(11) WO 03/096430 (13) A1

(21) PCT/US02/40272

(22) 17 Dec/déc 2002 (17.12.2002)

(25) en

(26) en

(30) 10/140,441 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • TRANSISTORS WITH CONTROL-LABLE THRESHOLD VOLTAGES, AND VARIOUS METHODS OF MAKING AND OPERATING SAME

- TRANSISTORS A TENSIONS DE SEUIL CONTROLABLES, ET DIVERS PROCEDES DE FABRICATION ET D'UTILISATION DE TELS TRANSISTORS

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) FUSELIER, Mark, B.; 12232 Barrel Bend, Austin, TX 78748 (US). WRISTERS, Derrick, J.; 13710 Overland Pass, Bee Caves, TX 78738 (US). WEI, Andy, C.; 9323 Manchaca Rd. #125, Austin, TX 78748 (US).

(74) DRAKE, Paul, S.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H01L 29/788

(11) WO 03/096431 (13) A1

(21) PCT/IB03/01485

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076771.1 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FLOATING GATE MEMORY CELLS WITH INCREASED COUPLING RATIO

- CELLULES DE MEMOIRE A GRILLE FLOTTANTE PRESENTANT UN RAPPORT DE COUPLAGE AMELIORE

(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) VAN DUUREN, Michiel, J. [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN SCHAIJK, Robertus, T., F. [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).

Published / Publiée : (b)

(51)⁷ H01L 29/788

(11) WO 03/096432 (13) A1

(21) PCT/US03/13861

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/143,557 9 May/mai 2002 US (09.05.2002)

(30) 10/356,645 31 Jan/jan 2003 US (31.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • PSEUDO-NONVOLATILE DIRECT-TUNNELING FLOATING-GATE DEVICE

- DISPOSITIF A GRILLE FLOTTANTE A TUNNELISATION DIRECTE PSEUDO-REMANENT

(71) IMPINJ, INC. [US/US]; 501 N. 34th Street, Suite 100, Seattle, WA 98103 (US).

(72) HYDE, John, D.; 37845 Soap Creek Road, Corvallis, OR 97330 (US). HUMES, Todd, E.; 817 NW 200th St., Shoreline, WA 98177 (US). DIORIO, Christopher, J.; 17001 NW 15th Street, Shoreline, WA 98177 (US). MEAD, Carver, A.; 501 N. 34th Street, Suite 100, Seattle, WA 98103 (US).

(74) RICHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/872, 21/329

(11) WO 03/096433 (13) A1

(21) PCT/IE03/00068

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 2002/0370 10 May/mai 2002 IE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • "A Planar Schottky Diode and Manufacturing Method"

• DIODE SCHOTTKY PLANE ET PROCEDE DE FABRICATION ASSOCIE

- (71) UNIVERSITY COLLEGE CORK-NATIONAL UNIVERSITY OF IRLAND, CORK. [IE/IE]; College Road, Cork (IE).
(only for / seulement pour US)

- (72, 75) PIKE, John [GB/IE]; Ballydownis, Kilbrittan, County Cork (IE).

- (74) O'BRIEN, John, A. et al. / etc.; c/o John A. O'Brien & Associates, Third Floor, Duncain House, 14 Carysfort Avenue, Blackrock, 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).

(51)⁷ H01L 29/94

(11) WO 03/096434 (13) A1

(21) PCT/US03/13432

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/143,557 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METAL DIELECTRIC SEMICONDUCTOR FLOATING GATE VARIABLE CAPACITOR

• CONDENSATEUR VARIABLE A GRILLE FLOTTANTE A SEMI-CONDUCTEUR DIELECTRIQUE METALLIQUE

- (71) IMPINJ, INC. [US/US]; 501 N. 34th Street, Suite 100, Seattle, WA 98103 (US).

- (72) HYDE, John, D.; 37845 Soap Creek Road, Corvallis, OR 97330 (US). HUMES, Todd, E.; 817 NW 200th St., Shoreline, WA 98177 (US). DIORIO, Christopher, J.; 17001 NW 15th Street, Shoreline, WA 98177 (US). MEAD, Carver, A.; 501 N. 34th Street, Suite 100, Seattle, WA 98103 (US).

- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H01L 33/00, G09G 3/20, H05B 37/02

(11) WO 03/096435 (13) A1

(21) PCT/JP03/05586

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-131803 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • LIGHT EMITTING ELEMENT DRIVE DEVICE AND ELECTRONIC DEVICE HAVING LIGHT EMITTING ELEMENT

• DISPOSITIF DE COMMANDE D'ELEMENTS ELECTROLUMINESCENTS ET DISPOSITIF ELECTRONIQUE POURVU D'UN ELEMENT ELECTROLUMINESCENT

- (71) ROHM CO., LTD. [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

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

- (72, 75) HORIUCHI, Sachito [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). KAGEMOTO, Noboru [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). YAMAMOTO, Isao [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

- (74) MONDA, Makoto et al. / etc.; Monda & Associates, Sueyoshi Bldg. 5F, 10-5, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01L 33/00, G09G 3/30, 3/20, H05B 37/02

(11) WO 03/096436 (13) A1

(21) PCT/JP03/05587

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-131808 7 May/mai 2002 JP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • LIGHT EMITTING ELEMENT DRIVE DEVICE AND ELECTRONIC DEVICE HAVING LIGHT EMITTING ELEMENT

• DISPOSITIF D'ATTAQUE A ELEMENT ELECTROLUMINESCENT ET DISPOSITIF ELECTRONIQUE DOTE D'UN ELEMENT ELECTROLUMINESCENT

- (71) ROHM CO., LTD. [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

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

- (72, 75) HORIUCHI, Sachito [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). HOSHINO, Ken [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). YAMAMOTO, Isao [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

- (74) MONDA, Makoto et al. / etc.; Monda & Associates, Sueyoshi Bldg. 5F, 10-5, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01L 33/00

(11) WO 03/096437 (13) A2

(21) PCT/US03/12928

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/140,255 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SILICON AND SILICON-GERMANIUM LIGHT-EMITTING DEVICE, METHODS AND SYSTEMS

• DISPOSITIF ELECTROLUMINESCENT DE SILICIUM ET DE SILICIUM/GERMANIUM, PROCÉDES ET SYSTÈMES ASSOCIÉS

- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

- (72) GARDNER, Donald; 2281 Oaktree Drive, Mountain View, CA 94040 (US). KARNIK, Tanay; 3574 NW Blackcomb Drive, Portland, OR 97229 (US). XU, Jianping; 3574 NW Slocum Way, Portland, OR 97229 (US). BORKAR, Shekhar; 3574 NW Paisely Court, Beaverton, OR 97006 (US).

- (74) STEFFEY, Charles, E.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 35/26

(11) WO 03/096438 (13) A2

(21) PCT/US03/14266

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,784 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SELF-ASSEMBLED QUANTUM DOT SUPERLATTICE THERMOELECTRIC MATERIALS AND DEVICES

• MATERIAUX ET DISPOSITIFS THERMOELECTRIQUES A HETEROSTRUCTURE DE POINTS QUANTIQUES ET AUTO-ASSEMBLES

- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **HARMAN, Theodore, C.**; 4 Ross Road, Lexington, MA 02421 (US). **TAYLOR, Patrick, J.**; 13821 Jefferson Park Drive, Apt. 5407, Herndon, VA 20171 (US). **WALSH, Michael, P.**; 130 Mulpus Road, Lunenburg, MA 01462 (US). **LAForge, Brian, E.**; 70 Coburn Road, Tyngsboro, MA 01879 (US).

(74) **ROUILLE, David, W** 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

(51)⁷ H01L 39/00

(11) WO 03/096439 (13) A1

(21) PCT/US03/14893

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/142,250 9 May/mai 2002 US (09.05.2002)

(30) 10/427,330 1 May/mai 2003 US (01.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INTEGRATED CIRCUIT WITH INTERNAL IMPEDANCE MATCHING CIRCUIT

• CIRCUIT INTEGRE AVEC CIRCUIT D'ADAPTATION D'IMPEDANCE INTERNE

(71) M/A-COM, INC. [US/US]; 1011 Pawtucket Blvd., Lowell, MA 01853 (US).

(72) **SCHMIZT, Norbert, A.**; 5737 Salisbury Drive, Roanoke, VA 24018-3861 (US). **GIACCHINO, Richard, J.**; 12 Leblanc Drive, Peabody, MA 01960 (US). **STRUBLE, Wayne, M.**; 5 C Hawthorne Village, Franklin, MA 02038 (US).

(74) **TESSARI, Joseph, A.**; Tyco Technology Resources, 4550 New Linden Hill Road, Suite 140, Wilmington, DE 19808 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H01L 51/20

(11) WO 03/096440 (13) A2

(21) PCT/EP03/04575

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/142,208 7 May/mai 2002 US (07.05.2002)

(30) 10/249,533 17 Apr/avr 2003 US (17.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ORGANIC DEVICE

• DISPOSITIF ORGANIQUE

(71) **OSRAM OPTO SEMICONDUCTORS GMBH** [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

(72) **CHONG, Shi, Chai**; 18 Lorong Markisah, 12A, Tmn Markisah, Bkt. Mertajam, 14000 Penang (MY). **GUENTHER, Ewald, Karl, Michael**; Espental 10, 93128 Regenstauf (DE). **LACEY, David**; 705 Tiana Lane, Mountain View, CA 94041 (US). **LIM, Hooi, Bin**; 61 Cangkat Bukit, Gambir 2, 10400 Penang (MY). **KLAUSMANN, Hagen**; Gerlachweg 27, 80999 München (DE). **TAN, Cheng, Kooi**; 12 Lorong Permata 2, Taman Permata Indah, BM 14000 Penang (MY).

(74) **EPPING, HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Rüdigerstrasse 55, 80339 München (DE).

(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).

(51)⁷ H01M

(11) WO 03/096441 (13) A2

(21) PCT/IB03/02145

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,848 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PACKAGING DEVICE FOR AN ELECTROCHEMICAL DEVICE AND METHOD FOR MAKING THE SAME

• DISPOSITIF DE MISE SOUS BOITIER POUR UN DISPOSITIF ELECTROCHIMIQUE ET SON PROCEDE DE FABRICATION

(71) **ILION TECHNOLOGY** [NZ/NZ]; P.O. Box 90725, Auckland Mail Centre (NZ).

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(72, 75) **DESILVESTRO, Hans** [NZ/NZ]; 16 Del Mar Court, Howick, Auckland (NZ). **HASELL, David, Johnathan** [GB/NZ]; 14 Karawa Place, Kawakawa Bay, Manukau, Auckland (NZ). **JOLLEY, Simon, Andrew** [GB/NZ]; 45 Waima Crecent, Titirangi, Auckland (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 H01M

(11) WO 03/096442 (13) A2

(21) PCT/US03/13961

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/139,555 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LITHIUM CELL WITH IMPROVED CATHODE

• PILE AU LITHIUM A CATHODE AME-LIOREE

(63) US 10/139,555 (CON) 6 May/mai 2002 (06.05.2002)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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(72, 75) **NANJUNDASWAMY, Kirakodu, S.** [IN/US]; 6 Willow Springs St., New Milford, CT 06776 (US). **WANG, Francis** [US/US]; 2 Trout Brook Circle, Newtown, CT 06470 (US). **XUE, Jiayu, Simon** [CA/US]; 59 Mountain View Drive, Brookfield, CT 06804 (US). **ZHANG, Fan** [CN/US]; 1-48 Beaver Brook Rd., Danbury, CT 06810 (US). **CHI, Ignacio** [US/US]; 108 Maple Tree Hill Rd., Southbury, CT 06488 (US). **EYLEM, Cahit** [US/US]; 9 Fleetwood Drive, New Fairfield, CT 06812 (US).

(74) **GALLOWAY, Peter, D.** 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 H01M

(11) WO 03/096443 (13) A2

(21) PCT/US03/13962

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/139,552 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALKALINE CELL WITH IMPROVED CATHODE

• PILE ALCALINE A CATHODE AME-LOREE

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

(72, 75) NANJUNDASWAMY, Kirakodu, S. [IN/US]; 6 Willow Springs St., New Milford, CT 06776 (US). WANG, Francis [US/US]; 2 Trout Brook Circle, Newtown, CT 06470 (US). XUE, Jiayu, Simon [CA/US]; 59 Mountain View Drive, Brookfield, CT 06804 (US). EYLEM, Cahit [US/US]; 9 Fleetwood Drive, New Fairfield, CT 06812 (US). ROZELLE, James [US/US]; 45 Churchill St., Fairfield, CT 06430 (US).

(74) GOLLOWAY, Peter, D. 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 H01M

(11) WO 03/096444 (13) A2

(21) PCT/US03/14997

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,187 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RESONANT ENERGY MEMS ARRAY AND SYSTEM INCLUDING DYNAMICALLY MODIFIABLE POWER PROCESSOR

• RESEAU ET SYSTEME MEMS RESONANTS COMPRENANT UN PROCESSEUR D'ENERGIE POUVANT ETRE MODIFIE DE FAÇON DYNAMIQUE

(71) UNIVERSITY OF FLORIDA [US/US]; 322 Walker Hall, P.O. Box 115500, Gainesville, FL 32611-5500 (US).

(72) NISHIDA, Toshikazu; 2256 NW 5th Place, Gainesville, FL 32603 (US). CATTAFESTA, Louis, N., III; 5004 NW 60th Terrace, Gainesville, FL 32653 (US). SHEPLAK, Mark; 8600 SW 103rd Avenue, Gainesville, FL 32608 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/00, 2/02, 2/14, 8/04, 8/10, 8/12

(11) WO 03/096445 (13) A1

(21) PCT/US03/13172

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 10/140,612 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIRECT METHANOL FUEL CELL AND SYSTEM

• PILE À MÉTHANOL À COMBUSTION DIRECTE ET SYSTÈME ASSOCIÉ

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, MS A 187, Los Alamos, NM 87545 (US).

(72) WILSON, Mahlon, S.; 85 Mesa Verde, Los Alamos, NM 87544 (US).

(74) WILSON, Ray, G. et al. / etc.; Los Alamos National Laboratory, LC/IP, MS A 187, 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).

(51)⁷ H01M 2/02, 2/10

(11) WO 03/096446 (13) A1

(21) PCT/JP03/05966

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-138317 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • THIN BATTERY

• BATTERIE MINCE

(71) HITACHI MAXELL, LTD. [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).

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

(72, 75) MARUYAMA, Hiroshi [JP/JP]; 5-5-22, Hirai, Kusatsu-shi, Shiga 525-0023 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/08, 2/00, 2/02

(11) WO 03/096447 (13) A1

(21) PCT/US03/14295

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,612 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUEL CELL STACK HAVING AN IMPROVED PRESSURE PLATE AND CURRENT COLLECTOR

• ASSEMBLAGE DE PILES A COMBUSTIBLE DOTE D'UNE PLAQUE DE PRESSION ET D'UN COLLECTEUR DE COURANT PERFECTIONNES

(71) UTC FUEL CELLS, LLC [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

(72) MORROW, Aaron, W.; 89 Ridge Road, East Longmeadow, MA 01028 (US). EHRlich, Grant, M.; 44 Alderwood Drive, West Hartford, CT 06117 (US). RESTO, Javier; 840 West Cumberland Court, Jacksonville, FL 32259 (US).

(74) CRENSHAW, Henry, T., Jr.; UTC Fuel Cells, LLC, 195 Governor's Highway, MS 601-03, South Windsor, CT 06074 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H01M 4/00

(11) WO 03/096448 (13) A2

(21) PCT/US03/13963

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 10/139,417 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ALKALINE CELL WITH IMPROVED CATHODE

• PILE ALCALINE A CATHODE AME-LIOREE

(63) US 10/139,417 (CON) 6 May/mai 2002 (06.05.2002)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Francis [US/US]; 2 Trout Brook Circle, Newtown, CT 06470 (US). EYLEM, Cahit [US/US]; 9 Fleetwood Drive, New Fairfield, CT 06812 (US). XUE, Jiayu, Simon [CA/US]; 59 Mountain View Drive, Brookfield, CT 06804 (US). NAN-JUNDASWAMY, Kirakodu, S. [IN/US]; 6 Willow Springs St., New Milford, CT 06776 (US). ROZELLE, James [US/US]; 45 Churchill St., Fairfield, CT 06430 (US).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61 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 H01M 4/02, 4/58

(11) WO 03/096449 (13) A1

(21) PCT/JP03/05654

(22) 6 May/mai 2003 (06.05.2003)

(25) ja

(30) 2002-132786 8 May/mai 2002 JP (08.05.2002)

(30) 2002-176350 17 Jun/juin 2002 JP (17.06.2002)

(30) 2002-304654 18 Oct/oct 2002 JP (18.10.2002)

(30) 2002-312340 28 Oct/oct 2002 JP (28.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NONAQUEOUS ELECTROLYTE SECONDARY CELL

• PILE SECONDAIRE A ELECTROLYTE NON AQUEUX

(71) JAPAN STORAGE BATTERY CO., LTD. [JP/JP]; 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).

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

(72, 75) TABUCHI, Toru [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). AOKI, Toshiyuki [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). TESHIMA, Minoru [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). NISHIE, Katsushi [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-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 KR US.

(51)⁷ H01M 4/66, 4/04

(11) WO 03/096450 (13) A1

(21) PCT/JP03/05704

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-134584 9 May/mai 2002 JP (09.05.2002)

(30) 2002-164864 5 Jun/juin 2002 JP (05.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CURRENT COLLECTING STRUCTURE, ELECTRODE STRUCTURE AND METHOD FOR PRODUCING THEM

• STRUCTURE DE COLLECTE DE COURANT, STRUCTURE D'ELECTRODES ET PROCÉDE D'OBTENTION DES DITES STRUCTURES

(71) ITOCHU CORPORATION [JP/JP]; 1-3, Kyutaro-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8577 (JP).

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(72, 75) SHIMIZU, Tatsuo [JP/JP]; c/o CI TECHNO-SALES INC., 5-1, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP). HASHIMOTO, Zenzou [JP/JP]; c/o CI TECHNO-SALES INC., 5-1, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).

(26) ja

(74) YAMAGUCHI, Sakuo et al. / etc.; New Yamamoto Bldg. 3F, 15-10, Iwamotocho 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 4/86

(11) WO 03/096451 (13) A2

(21) PCT/DE03/01419

(22) 3 May/mai 2003 (03.05.2003)

(25) de (26) de

(30) 102 20 400.4 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUEL CELL

• PILE A COMBUSTIBLE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÖHR, Karsten [DE/DE]; Ochsensteige 22/2, 89075 Ulm (DE). TOTH, Gabor [DE/DE]; Pirolweg 18, 89257 Illertissen (DE).

(81) AU 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 H01M 4/88, 4/90, 8/22

(11) WO 03/096452 (13) A2

(21) PCT/CA03/00681

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/143,944 14 May/mai 2002 US (14.05.2002)

(30) 10/290,429 8 Nov/nov 2002 US (08.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRODE CATALYST FOR H₂S FUEL CELL

• CATALYSEUR D'ELECTRODE POUR UNE PILE A COMBUSTIBLE H<SB>2</SB>S

(63) US 10/290,429 (CON) 8 Nov/nov 2002 (08.11.2002)

(71) GOVERNORS OF THE UNIVERSITY OF ALBERTA [CA/CA]; 222 Campus Tower, 8625-112 Street, Edmonton, Alberta T6G 2E1 (CA).

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(72, 75) CHUANG, Karl, T. [CA/CA]; 8742-117 Street, Edmonton, Alberta T6G 1R5 (CA). LUO, Jingli [CA/CA]; 6403-129 Street,

- Edmonton, Alberta T6H 3X9 (CA). **WEI, Guolin** [CN/CA]; 8120-97 Street, Edmonton, Alberta T6E 3K5 (CA). **SANGER, Alan, R.** [CA/CA]; 2833-123 Street, Edmonton, Alberta T6J 6A6 (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 **H01M 8/00**
- (11) **WO 03/096453** (13) A2
- (21) PCT/JP03/05630
- (22) **2 May/mai 2003 (02.05.2003)**
- (25) en (26) en
- (30) 60/379,524 **9 May/mai 2002 (09.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **FUEL CELL ASSEMBLY AND A SEPARATOR THEREFOR**
- **ENSEMBLE PILE A COMBUSTIBLE ET SEPARATEUR ASSOCIE**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SASAHARA, Jun** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **SUZUKI, Toshifumi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **KUBOTA, Tadahiho** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **KURIYAMA, Nariaki** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **SAITO, Yuji** [JP/US]; c/o Honda Research Institute USA, Inc., 800, California St. Suite 300, Mountain View, CA 94041-1270 (US).
- (74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).
- (81) CA 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 8/00**
- (11) **WO 03/096455** (13) A2
- (21) PCT/US03/14445
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) 60/379,524 **9 May/mai 2002 (09.05.2002)** US
- (30) 60/408,732 **6 Sep/sep 2002 (06.09.2002)** US
- (30) 60/458,116 **26 Mar/mar 2003 (26.03.2003)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **IMPROVED FUEL CELL**
- **PILE A COMBUSTIBLE PERFECTION-NEE**
- (71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; The Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo (JP).
- (72) **SASAHARA, Jun**; 2-2-6 Minamidai, Kawagoe-shi, Saitama (JP). **BRAITHWAITE, Daniel**; Bldg. 530, Room 226, M/C 3030, Stanford, CA 94305 (US). **CHA, Suk-Won**; 95D Escondido Village, Stanford, CA 94305 (US). **FABIAN, Tibor**; 3250 Glendale Ave
- Unit B, Menlo Park, CA 94025 (US). **KUBOTA, Tadahiho**; 5-4-16 Hizaori, Asaka-shi, Saitama 351-0013 (JP). **KURIYAMA, Nariaki**; 2-2-10-103 Sekizawa, Fujimi-shi, Saitama (JP). **LEE, Sang-Joon John**; 929 E. El Camino Real K127, Sunnyvale, CA 94087-3766 (US). **O'Hayre, Ryan**; Building 530, Room 226 M/C 3030, Stanford, CA 94305 (US). **PRINZ, Friedrich, B.**; 534 Sand Hill Circle Rd., Menlo Park, CA 94025 (US). **SAITO, Yuji**; Building 530, room 226, M/C 3030, Stanford, CA 94305 (US). **SUZUKI, Toshifumi**; 4-1-1-503 Honmachi, Fuchu-shi, Tokyo (JP).
- (74) **LUMEN IPS et al.** / etc.; 45 Cabot Ave., Suite 110, Santa Clara, CA 9505/-6670 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 8/00**
- (11) **WO 03/096456** (13) A2
- (21) PCT/US03/08860
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 10/143,273 **10 May/mai 2002 (10.05.2002)** US
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • **FUEL CELL MEMBRANE ELECTRODE ASSEMBLY WITH SEALING SURFACES**
- **ENSEMBLE D'ELECTRODES A MEMBRANE DE PILE A COMBUSTIBLE A SURFACE D'ETANCHEITE**
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **WALD, David, A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LE, Jimmy, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **YANDRASITS, Michael, A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BOUCHER, Paul, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **DAHL, Phillip Y., et al.** / etc.; Office of Intellectual Property Consel, 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 H01M 8/02

(11) WO 03/096457 (13) A1

(21) PCT/EP03/05012

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 951.6 13 May/mai 2002 DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BIPOLAR PLATE AND METHOD FOR
THE PRODUCTION THEREOF

• PLAQUE BIPOLAIRE ET PROCEDE DE
FABRICATION

(71) REINZ-DICHTUNGS-GMBH & CO. KG
[DE/DE]; Reinzstrasse 3-7, 89233 Neu-Ulm
(DE).

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

(72, 75) HÖHE, Kurt [DE/DE]; Dahlienweg
17, 89129 Langenau (DE). GAUGLER,
Bernd [DE/DE]; Wilhelmstrasse 11, 89231
Neu-Ulm (DE). STRÖBEL, Raimund
[DE/DE]; Gartenstrasse 15, 89077 Ulm (DE).
TASCH, Dominique [DE/DE]; Küferweg 7,
89233 Neu-Ulm (DE).

(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 NI 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 H01M 8/02, 8/10, 8/12

(11) WO 03/096458 (13) A1

(21) PCT/US03/14335

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10/141,281 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOLID OXIDE FUEL CELL STACK AS-
SEMBLY FOR DIRECT INJECTION OF
CARBONACEOUS FUELS

• ENSEMBLE ASSEMBLAGE DE PILES
A COMBUSTIBLE A OXYDE SOLIDE
POUR L'INJECTION DIRECTE DE
COMBUSTIBLES CARBONES

(71) TECHNOLOGY MANAGEMENT, INC.
[US/US]; 9718 Lakeshore Blvd., Cleveland,
OH 44108 (US).

(72) RUHL, Robert, C.; 2276 Chatfield Drive,
Cleveland Heights, OH 44106 (US).

(74) HOCHBERG, Peter, D. et al. / etc.; D. Peter
Hochberg Co., 1940 East 6th Street, 6th Floor,
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 H01M 8/04

(11) WO 03/096459 (13) A1

(21) PCT/EP03/04269

(22) 24 Apr/avr 2003 (24.04.2003)

(25) de (26) de

(30) 02010338.8 7 May/mai 2002 EP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DETECTING A GAS
LEAK IN A PEM FUEL CELL

• PROCEDE DE DETECTION D'UNE
FUIE DE GAZ DANS UNE CELLULE
A COMBUSTIBLE PEM

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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

(72, 75) COERLIN, Detlev [DE/DE]; Aschaf-
fenburger Str. 16, 91056 Erlangen (DE).
GELLERT, Harry [DE/DE]; Herbstwiesen
8, 91090 Effeltrich (DE). STÜHLER, Wal-
ter [DE/DE]; Bahnhofstrasse 25d, 96114
Hirschaid (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).

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 H01M 8/04

(11) WO 03/096460 (13) A1

(21) PCT/JP03/05179

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 2002-138905 14 May/mai 2002 JP
(14.05.2002)

(30) 2002-138919 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FUEL CELL SYSTEM AND RELATED
STARTUP METHOD

• DISPOSITIF DE PILE A COMBUS-
TIBLE ET PROCEDE DE DEMARRAGE

(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) KAMIHARA, Tetsuya [JP/JP];
39-5-202, Miyamoto-cho 2-chome, Mi-
nami-ku, Yokohama-shi, Kanagawa
232-0016 (JP). TAKAHASHI, Nobutaka
[JP/JP]; 2-64-813, Sugita 5-chome, Isogo-ku,
Yokohama-shi, Kanagawa 235-0033 (JP).

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

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01M 8/04

(11) WO 03/096461 (13) A1

(21) PCT/JP03/05746

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-135068 10 May/mai 2002 JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD FOR DETECTING UNDER-SUPPLY OF FUEL GAS AND METHOD FOR CONTROLLING FUEL CELL

• PROCEDE DE DETECTION DE PENURIE DE GAZ COMBUSTIBLE, ET PROCEDE DE CONTROLE DE PILE A COMBUSTIBLE

- (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) INAI, Shigeru [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). IWASAWA, Chikara [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). WATANABE, Shinya [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). SATO, Masahiko [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). MURAKAMI, Yoshikazu [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

- (74) CHIBA, Yoshihiro et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CA US.

(84) EP (DE GB).

(51)⁷ H01M 8/04

(11) WO 03/096462 (13) A1

(21) PCT/US03/14509

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,523 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ELECTROCHEMICAL FUEL CELL COMPRISED OF A SERIES OF CONDUCTIVE COMPRESSION GASKETS AND METHOD OF MANUFACTURE

• PILE A COMBUSTIBLE ELECTROCHIMIQUE CONSTITUEE D'UNE SERIE DE JOINTS A COMPRESSION CONDUCTEURS ET PROCEDE DE FABRICATION CORRESPONDANT

- (71) ANUVU, INC., A CALIFORNIA CORPORATION [US/US]; 3980 Research Drive, Sacramento, CA 95838 (US).

- (74) COSTELLO, John, P.; Weintraub Genshlea Chediak Sproul, 11th Floor, 400 Capitol Mall, 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 UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 8/04

(11) WO 03/096463 (13) A2

(21) PCT/US03/14806

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/140,934 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FUEL DELIVERY SYSTEM AND METHOD OF USE THEREOF

• SYSTEME D'ALIMENTATION EN COMBUSTIBLE ET SON MODE D'UTILISATION

- (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, Ft. 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 H01M 8/10, B01D 71/28, 67/00, 71/32, 71/78, 69/12, 69/02

(11) WO 03/096464 (13) A2

(21) PCT/EP03/04913

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 10220817.4 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • GRAFTED POLYMER ELECTROLYTE MEMBRANE, METHOD FOR THE PRODUCTION THEREOF, AND APPLICATION THEREOF IN FUEL CELLS

• MEMBRANE ELECTROLYTE A POLYMER GREFFE, PROCEDE DE PRODUCTION DE CETTE MEMBRANE ET SON UTILISATION DANS DES PILES A COMBUSTIBLE

- (71) CELANESE VENTURES GMBH [DE/DE]; 65926 Frankfurt (DE).

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

- (72, 75) KIEFER, Joachim [DE/DE]; Goethes-
trasse 34a, 65510 Idstein (DE). UENSAL,

Oemer [TR/DE]; Südring 387, 55128 Mainz (DE).

- (74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, Geb. F 821, 65926 Frankfurt (DE).

(81) BR 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 H01M 8/10, C08J 5/22, B01D 71/40

(11) WO 03/096465 (13) A1

(21) PCT/EP03/04914

(22) 12 May/mai 2003 (12.05.2003)

(25) de (26) de

(30) 102 20 818.2 10 May/mai 2002 DE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • POLYMER ELECTROLYTE MEMBRANE, METHOD FOR THE PRODUCTION THEREOF, AND APPLICATION THEREOF IN FUEL CELLS

• MEMBRANE ELECTROLYTE POLYMER, PROCEDE DE PRODUCTION DE CETTE MEMBRANE ET SON UTILISATION DANS DES PILES A COMBUSTIBLE

- (71) CELANESE VENTURES GMBH [DE/DE]; 65926 Frankfurt (DE).

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

- (72, 75) KIEFER, Joachim [DE/DE]; Goethes-
trasse 34a, 65510 Idstein (DE). UENSAL,
Oemer [TR/DE]; Südring 387, 55128 Mainz (DE).

- (74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, Geb. F 821, 65926 Frankfurt (DE).

(81) BR 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 H01M 8/10, 8/24, 8/02

(11) WO 03/096466 (13) A1

(21) PCT/JP03/05632

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/379,524 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FUEL CELL ASSEMBLY AND METHOD FOR BONDING A SEPARATOR AND AN ELECTROLYTE LAYER OF A FUEL CELL ASSEMBLY

• PILE A COMBUSTIBLE ET PROCEDE DE CONNEXION D'UN SEPARATEUR ET D'UNE COUCHE ELECTROLYTIQUE D'UNE PILE A COMBUSTIBLE

- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).
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351-0113 (JP). SUZUKI, Toshifumi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). KUBOTA, Tadahiro [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). KURIYAMA, Nar-iaki [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). SAITO, Yuji [JP/US]; c/o Honda Research Institute USA, Inc., 800, California St. Suite 300, Mountain View, CA 94041-1270 (US).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shin-juku-ku, Tokyo 162-0825 (JP).

(81) CA 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 8/16

(11) WO 03/096467 (13) A1

(21) PCT/KR03/00950

(22) 14 May/mai 2003 (14.05.2003)

(25) ko (26) en

(30) 10-2002-0026351 14 May/mai 2002 KR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEMBRANELESS AND MEDIATOR-LESS MICROBIAL FUEL CELL

• PILE A COMBUSTIBLE MICROBIENNE SANS MEMBRANE ET SANS MEDIATEUR

(71) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 39-1 Hawolgok-dong, Seongbuk-gu, Seoul 136-791 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KIM, Byung Hong [KR/KR]; Samik Jutack #30, 264-440 Imun-dong, Dongdaemun-gu, Seoul 130-829 (KR). CHANG, In Seop [KR/KR]; Hyundai Apt. 201-1104, Do-hwa-dong, Mapo-gu, Seoul 121-773 (KR). JANG, Jae Kyung [KR/KR]; 447-1 Suyu 5-dong, Gangbuk-gu, Seoul 142-885 (KR). GIL, Geun Cheol [KR/KR]; Taeyang Apt. Da-605, Dapsimni 3-dong, Dongdaemun-gu, Seoul 130-733 (KR).

(74) LEE, Ku-yi Dong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (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 H01M 8/18, C01G 31/00

(11) WO 03/096468 (13) A1

(21) PCT/JP03/05647

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-135812 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VANADIUM REDOX FLOW BATTERY ELECTROLYTE-USE AMORPHOUS SOLID COMPOSITION

• BATTERIE A OXYDOREDUCTION AU VANADIUM UTILISANT UNE COMPOSITION ELECTROLYTIQUE SOLIDE AMORPHE

(71) SHINKO CHEMICAL CO., LTD. [JP/JP]; 3-27-13, Shinmachi, Chikko, Sakai-shi, Osaka 592-8331 (JP).

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(72, 75) KAWASHIGE, Yasumasa [JP/JP]; c/o Shinko Chemical Co., Ltd., 3-27-13, Shinmachi, Chikko, Sakai-shi, Osaka 592-8331 (JP). SUGAHARA, Makoto [JP/JP]; c/o Shinko Chemical Co., Ltd., 3-27-13, Shinmachi, Chikko, Sakai-shi, Osaka 592-8331 (JP). TAKADA, Hiromi [JP/JP]; c/o Shinko Chemical Co., Ltd., 3-27-13, Shinmachi, Chikko, Sakai-shi, Osaka 592-8331 (JP).

(74) HOSODA, Yoshinori; c/o Hosoda International Patent Office, OMM Building 5th Floor, P.O.Box 26, 7-31, Otemae 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6591 (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 H01M 8/24, 8/12

(11) WO 03/096469 (13) A1

(21) PCT/EP03/04905

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 02253226.1 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SOLID OXIDE FUEL CELL

• PILE A COMBUSTIBLE A OXYDE SOLIDE

(71) SHELL INTERNATIONALE RESERACH MAATSCHAPPIJ B.V. [NL/NL]; Carel Van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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(72, 75) HUIJSMANS, Jozef, Peter, Paul [NL/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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

NL PT 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 08/10, 02/00, 02/02, 02/08, 02/14, 04/86, 04/90, 08/24

(11) WO 03/096470 (13) A1

(21) PCT/US03/14881

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,701 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROCHEMICAL CELL STACK ASSEMBLY

• ENSEMBLE DE PILES DE CELLULES ELECTROCHIMIQUES

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

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(72, 75) JACOBSON, Craig, P. [US/US]; 3545 Brook Street, Apt. A, Lafayette, CA 94549 (US). VISCO, Steven, J. [US/US]; 546 Arlington Avenue, Berkeley, CA 94720 (US). DE JONGHE, Lutgard, C. [US/US]; 910 Acalanes Road, Lafayette, CA 94549 (US).

(74) O'BANION, John, P.; O'Banion & Ritchey LLP, Suite 1550, 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 H01M 10/44

(11) WO 03/096471 (13) A1

(21) PCT/KR03/00269

(22) 7 Feb/fév 2003 (07.02.2003)

(25) en (26) en

(30) 10-2002-0025472 9 May/mai 2002 KR (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECHARGEABLE BATTERY PACK

• BLOC-BATTERIE RECHARGEABLE

(71) MOBY POWER CO., LTD [KR/KR]; 4F Hae Yong Bldg., 1452, Kwang Yang-Dong, Dongan-Ku, Anyang-City, Kyonggi-Do 431-060 (KR).

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(72, 75) LEE, Sung Hun [KR/KR]; BongChun Apt. 107-801, BongChun-Dong, KwanAk-Ku, Seoul 151-050 (KR).

(74) **HWANG, Euy Man**; E.M. Hwang & Partners, Mansung Building, #261-9, Poi-Dong, Kangnam-ku, Seoul 135-260 (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 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 H01M 10/44

(11) WO 03/096472 (13) A1

(21) PCT/KR03/00924

(22) 9 May/mai 2003 (09.05.2003)

(25) ko (26) en

(30) 10-2002-0025472 9 May/mai 2002 KR (09.05.2002)

(30) PCT/KR03/00269 7 Feb/fév 2003 KR (07.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECHARGEABLE BATTERY PACK AND MANUFACTURING METHOD THEREOF

• BLOC-PILES RECHARGEABLE

(71) **MOBYPower CO., LTD.** [KR/KR]; 4th Fl., Haeyong Bldg., #1452, Kwangyang-Dong, Dongan-Ku, Anyang-Si, Gyeonggi-Do 431-060 (KR).

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(72, 75) **LEE, Sung Hun** [KR/KR]; 102-101, Hanyang Saetbyeol Apt., #1102-1, Daran-Dong, Dongan-Ku, Anyang-Si, Gyeonggi-Do 431-719 (KR).

(74) **NAM, Hee-seob et al.** / etc.; Dabong Tower Building, 10th Fl., 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 H01P 1/20, 7/00, H01B 12/00, H04B 1/10, 1/38, F25B 9/00

(11) WO 03/096473 (13) A1

(21) PCT/AU03/00541

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PS 2167 7 May/mai 2002 AU (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FILTER ASSEMBLY

• ENSEMBLE FILTRE

(71) **MICROWAVE AND MATERIALS DESIGNS IP PTY LTD** [AU/AU]; 82 Ellena Street, PADDINGTON, Queensland 4064 (AU).

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(72, 75) **TAYLOR, Richard** [AU/AU]; 82 Ellena Street, PADDINGTON, Queensland 4064 (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 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, 9/04, 5/00, H01H 59/00

(11) WO 03/096474 (13) A1

(21) PCT/EP03/04643

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 02445056.1 8 May/mai 2002 EP (08.05.2002)

(30) 60/382,263 21 May/mai 2002 US (21.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPLE FREQUENCY BANDS SWITCHABLE ANTENNA FOR PORTABLE TERMINALS

• ANTENNE COMMUTABLE A BANDES DE FREQUENCE MULTIPLES POUR TERMINAUX PORTATIFS

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; S-221 88 LUND (SE).

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

(72, 75) **YING, Zhinong** [CN/SE]; Skyttelinjen 50, S-226 49 LUND (SE).

(74) **LINDBERG, Olle et al.** / etc.; c/o Albhins Malmö AB, P.O. Box 4289, S-203 14 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).

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(u) for / pour US only / seulement

(51)⁷ H01Q 1/24, 13/10, 9/04, 13/16

(11) WO 03/096475 (13) A1

(21) PCT/IB03/01868

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 0210601.1 9 May/mai 2002 GB (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ANTENNA ARRANGEMENT AND MODULE INCLUDING THE ARRANGEMENT

• AGENCEMENT D'ANTENNE ET MODULE COMPRENANT CET AGENCEMENT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **BOYLE, Kevin, R.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **MASSEY, Peter, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WHITE, Andrew, G.**; 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 H01Q 3/08, F16M 11/12, 11/18

(11) WO 03/096476 (13) A1

(21) PCT/FR03/01436

(22) 12 May/mai 2003 (12.05.2003)

(25) fr (26) fr

(30) 02/05826 13 May/mai 2002 FR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWER DRIVE FOR PASSIVE TURRET ANTENNA

• MOTORISATION D'ANTENNE A TOUR ELLE PASSIVE

(71, 72) CHAHED, Nouredine [FR/FR]; 10, rue de la Briqueterie, F-31400 Toulouse (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 H01Q 5/00, 1/36, 1/48

(11) WO 03/096477 (13) A1

(21) PCT/SG03/00110

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/142,999 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BROADBAND SUSPENDED PLATE ANTENNA WITH MULTI-POINT FEED
• ANTENNE A PLAQUE SUSPENDUE A LARGE BANDE, ALIMENTEE EN PLUSIEURS POINTS

(71) THE NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
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(72, 75) CHEN, Zhi, Ning [CN/SG]; Tower 2, Parc Vista, #13-07, 452 Corporation Road, Singapore 649811, Republic of Singapore (SG).

(74) Axis Intellectual Capital Pte Ltd.; 21A Duxton Road, Singapore 089487, Republic of Singapore (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 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 H01Q 7/00, 5/01, G01S 7/03

(11) WO 03/096478 (13) A1

(21) PCT/SG02/00070

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AN ANTENNA
• ANTENNE

(71) CET TECHNOLOGIES PTE LTD [SG/SG]; 100 Jurong East Street 21, Singapore Technologies Building, Singapore 609602 (SG).

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(72, 75) LIU, Jay, Zheyi [SG/SG]; c/o 100 Jurong East Street 21, Singapore Technologies Building, Singapore 609602 (SG). CHUNG, Say, Kin [SG/SG]; c/o 100 Jurong East Street 21, Singapore Technologies Building, Singapore 609602 (SG). ZHUANG, Zhiming [SG/SG]; c/o 100 Jurong East Street 21, Singapore Technologies Building, Singapore 609602 (SG). SEAH, Alice, Lee, Eng [SG/SG]; c/o 100 Jurong East Street 21, Singapore Technologies Building, Singapore 609602 (SG).

(74) SIM, Andrew, Yuan, Meng; c/o Shook Lin & Bok, 1 Robinson Road, #18-00 AIA Tower, Singapore 048542 (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 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 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 H01Q 15/08, 13/22, 21/06

(11) WO 03/096479 (13) A1

(21) PCT/JP02/09731

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2002-135773 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ARRAY ANTENNA
• ANTENNE RÉSEAU

(71) MITSUMI ELECTRIC CO., LTD. [JP/JP]; 8-8-2, Kokuryo-cho, Chofu-shi, Tokyo 182-8557 (JP).
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(71, 72) MIYATA, Katsumasa [JP/JP]; 10-86, Suwa-cho, Hodono, Akita-shi, Akita 010-0911 (JP).

(72, 75) AWA, Hirokazu [JP/JP]; c/o Akita Mitsumi Co., Ltd., 95-2, Aza Kamitsutsumishiki, Iizuka, Iitagawa-machi, Minamiakita-gun, Akita 018-1504 (JP). TAMURA, Nobuo [JP/JP]; c/o Akita Mitsumi Co., Ltd., 95-2, Aza Kamitsutsumishiki, Iizuka, Iitagawa-machi, Minamiakita-gun, Akita 018-1504 (JP).

(74) HAYASHI, Takayoshi; 11-2, Nihonbashi Kayaba-cho, 1-chome, Chuo-ku, Tokyo 103-0025 (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 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 H01Q 21/06, 21/00, 1/28, 13/18, G01S 13/524

(11) WO 03/096480 (13) A1

(21) PCT/US03/15944

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,872 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR RADAR SIGNAL RECEPTION
• PROCEDES ET APPAREIL DE RECEPTION DE SIGNAL RADAR

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HAGAR, James, R.; 1720 Rhode Island Avenue North, Golden Valley, MN 55427 (US). YAEGER, Larry, D.; 3100 Carriage Drive, Medina MN 55340 (US). KEUPER, John, H.; 15921 Radium St. NW, Anoka MN 55303 (US). ALMSTED, Larry, D.; 10045 10th Avenue South, Bloomington, MN 55420 (US).

(74) ROGER, Criss, H.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (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).

Published / Publiée : (c)

(51)⁷ H01Q 23/00, H04Q 9/06

(11) WO 03/096481 (13) A1

(21) PCT/AU03/00546

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) PS 2191 8 May/mai 2002 AU (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS TO HF WHIP ANTENNA
• AMELIORATIONS APPORTEES A UNE ANTENNE FOUET

(71, 72) VENTOURA, Eleftherios, John [AU/AU]; 9 Kirkstone Place, Balga, Western Australia 6061 (AU). JOBSE, Jasper, Aart

[AU/AU]; 110 Edward Street, Osborne Park, Western Australia 6017 (AU).

(74) **STARKIE, Steven, John**; Griffith Hack Patent Attorneys, 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).

(51)⁷ **H01Q 23/00, H04B 1/18**

(11) **WO 03/096482** (13) A1

(21) PCT/SE03/00727

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 0201385-2 **7 May/mai 2002 (07.05.2002)** SE

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **METHOD AND SYSTEM FOR FUNCTIONAL CONTROL OF AN ACTIVE ANTENNA**

• **PROCEDE ET SYSTEME POUR COMMANDE FONCTIONNELLE D'UNE ANTENNE ACTIVE**

(71, 72) **WESTMAN, Tony** [SE/SE]; Ekebovägen 3, S-756 55 Uppsala (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).

Published / Publiée : (b)

(51)⁷ **H01R**

(11) **WO 03/096483** (13) A2

(21) PCT/US03/12373

(22) **21 Apr/avr 2003 (21.04.2003)**

(25) en (26) en

(30) 10/125,437 **19 Apr/avr 2002 (19.04.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **BACK-TO-BACK MODULAR PLUG COUPLER**

• **COUPLEUR A FICHE MODULAIRE DOS A DOS**

(71) **AMPHENOL CORPORATION** [US/US]; 358 Hall Avenue, Wallingford, CT 06492 (US).

(72) **CHAN, Lawrence, Chi-Yuen**; 75 Greenbank Drive, Richmond Hill, Ontario L4E 4C7 (CA).

(74) **WOLFE, Charles, R., Jr.**; BLANK ROME LLP, 900 17th Street, N.W., Washington, DC 20006 (US).

(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 **H01R 9/05**

(11) **WO 03/096484** (13) A1

(21) PCT/US03/14805

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 10/142,274 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **SEALED COAXIAL CABLE CONNECTOR AND RELATED METHOD**

• **CONNECTEUR DE CABLE COAXIAL SCELLE ET PROCEDE CORRESPONDANT**

(71) **CORNING GILBERT INC.** [US/US]; 5310 W. Camelback Road, Glendale, AZ 85301 (US).

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

(72, 75) **BURRIS, David A** [US/US]; 6826 W. Sierra Street, Peoria, AZ 85345 (US). **DURST, Herman P** [US/US]; 16351 N. Thunderbird Road, Maricopa, AZ 85239 (US). **KEARSEY, David M** [US/US]; 6610 W. Christy Drive, Glendale, AZ 85304 (US). **LUTZ, William B** [US/US]; 5337 W. Piute Avenue, Glendale, AZ 85308 (US). **SUNDVOLD, Steven E** [US/US]; 17825 E. Happy Road, Queen Creek, AZ 85242 (US). **WOOD, Kenneth S** [US/US]; 2571 Honeyuckle Lane, Elmira, NY 14903 (US).

(74) **HOMA, Joseph M**; 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 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 **H01R 12/16**

(11) **WO 03/096485** (13) A1

(21) PCT/US03/14410

(22) **9 May/mai 2003 (09.05.2003)**

(25) en

(26) en

(30) 60/379,950 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **EDGE CARD CONNECTOR ASSEMBLY WITH TUNED IMPEDANCE TERMINALS**

• **ENSEMBLE CONNECTEUR DE CARTE COMPRENANT DES BORNES A IMPEDANCE ACCORDEE**

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) **REGNIER, Kent, E.**; 541 South Grace Street, Lombard, IL 60148 (US). **BANAKIS, Emanuel, G.**; 1460 North Webster Street, Naperville, IL 60563 (US). **CASHER, Patrick, R.**; 409 Pinecreek Drive, North Aurora, IL 60542 (US).

(74) **PAULIUS, Thomas, D.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

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

(51)⁷ **H01R 13/44**

(11) **WO 03/096486** (13) A1

(21) PCT/KR03/00456

(22) **8 Mar/mar 2003 (08.03.2003)**

(25) ko (26) en

(30) 20-2002-0006796 **8 Mar/mar 2002 (08.03.2002)** KR

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **ELECTRIC OUTLET HAVING THE SAFETY DEVICE**

• **SYSTEME DE CHARNIERE MAGNETIQUE DETACHABLE**

(71, 72) **LEE, Deok-Hyeon** [KR/KR]; 954-12 Sanjeong-dong, Gwangsan-gu, Gwangju 506-053 (KR).

(81) AE (Utility model / modèle d'utilité) 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 CN (Utility model / modèle d'utilité) CO (Utility model / modèle d'utilité) CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC (Utility model / modèle d'utilité) 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 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 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) NI 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) SC SD SE SG SK (Utility model / modèle d'utilité) 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 YU ZA ZM ZW.
- (84) AP (Utility model / modèle d'utilité) (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG 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).
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- (51)⁷ **H01R 13/648**
- (11) **WO 03/096487** (13) A1
- (21) PCT/US03/13826
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 60/379,353 **10 May/mai 2002** US **(10.05.2002)**
- (30) 10/417,521 **17 Apr/avr 2003** US **(17.04.2003)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ELECTRICAL CABLE STRAIN RELIEF AND ELECTRICAL CLOSURE
- REDUCTEUR DE TENSION POUR CABLE ELECTRIQUE ET FERMETURE ELECTRIQUE
- (71) **FCI AMERICAS TECHNOLOGY, INC.** [US/US]; One East First Street, Reno, NV 89501 (US).
- (72) **SIMPSON, Jeffrey, S.**; 43 Sycamore Drive, Mechanicsburg, PA 17050 (US).
- (74) **HARRINGTON, Mark, F.**; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 **H01R 25/00, 31/02**
- (11) **WO 03/096488** (13) A1
- (21) PCT/US03/13415
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 10/141,427 **7 May/mai 2002** US **(07.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ELECTRICAL POWER CORD WITH MULTIPLE LOW-VOLTAGE TERMINALS
- CORDON D'ALIMENTATION ELECTRIQUE COMPORTANT DE MULTIPLES BORNES BASSE TENSION
- (71) **BRIGGS & STRATTON POWER PRODUCTS GROUP, LLC** [US/US]; 900 North Parkway, P.O. Box 239, Jefferson, WI 53549 (US).
- (72) **MARCHAND, Gregory**; W269 W2314 Creek Drive, Waukesha, WI 53188 (US). **GULL, Philip**; 2612 S. 85th Street, West Allis, WI 53227 (US).
- (74) **LASKA, Casimir, F.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Suite 3300, Milwaukee, WI 53202-4108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 **H01R 25/14, H02G 5/04**
- (11) **WO 03/096489** (13) A1
- (21) PCT/SG03/00100
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 200202742-3 **8 May/mai 2002** SG **(08.05.2002)**
- (30) 200300071-8 **10 Jan/jan 2003** SG **(10.01.2003)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • APPARATUS FOR DISTRIBUTING ELECTRICAL POWER AND/OR COMMUNICATION SIGNALS
- APPAREIL PERMETTANT DE DISTRIBUER UNE PUISSANCE ELECTRIQUE ET/OU DES SIGNAUX DE COMMUNICATION
- (71) **NUTEK PRIVATE LIMITED** [SG/SG]; 39, Joo Koon Circle, Singapore 629105 (SG). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JONG, Choon** [SG/SG]; c/o Nutek Private Limited, 39, Joo Koon Circle, Singapore 629105 (SG).
- (74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01S**
- (11) **WO 03/096490** (13) A2
- (21) PCT/DE03/01482
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) de (26) de
- (30) 102 21 365.8 **8 May/mai 2002** DE **(08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • OPTICAL ARRAY FOR GENERATING A BROADBAND SPECTRUM
- ENSEMBLE OPTIQUE CONÇU POUR GENERER UN SPECTRE A LARGE BANDE
- (71) **JENOPTIK LASER, OPTIK, SYSTEME GMBH** [DE/DE]; Göschwitzer Strasse 25, 07745 Jena (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRAUN, Bernd** [DE/DE]; Löbstedter Strasse 9, 07749 Jena (DE). **HOLLEMANN, Günter** [DE/DE]; Wieselweg 15, 07749 Jena (DE).
- (74) **BERTRAM, Helmut et al.** / etc.; Oehmke & Kollegen, Neugasse 13, 07743 Jena (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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**
- (11) **WO 03/096491** (13) A2
- (21) PCT/IL03/00332
- (22) **24 Apr/avr 2003 (24.04.2003)**
- (25) en (26) en
- (30) 60/379,149 **8 May/mai 2002** US **(08.05.2002)**
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SYSTEM AND METHOD FOR INTRODUCING PUMP RADIATION INTO

HIGH-POWER FIBER LASER AND AMPLIFIER

- SYSTEME ET PROCEDE D'INTRODUCTION DE RAYONNEMENT DE POMPE DANS UN LASER A FIBRE HAUTE PUISSANCE ET AMPLIFICATEUR

(71) **ELOP ELECTROOPTICS INDUSTRIES LTD.** [IL/IL]; Advanced Technology Park, Kiryat Weizman, P.O. Box 1165, 76111 Rehovot (IL).

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

(72, 75) **KRUPKIM, Vladimir** [IL/IL]; 27/5 Reuven & Bat Sheva Street, 75357 Rishon Lezion (IL). **SHAFIR, Ehud** [IL/IL]; 17 Aharonovitch Street, 75204 Rishon Lezion (IL).

(74) **KORAKH, Eliav;** Borochov, Korakh, Eliezri & Co., Kiryat Atidim, P.O. Box 58100, 61580 Tel Aviv (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 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H01S

(11) **WO 03/096492** (13) A2

(21) PCT/US03/13939

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 10/141,216 **7 May/mai 2002 (07.05.2002)** US

(30) 60/429,493 **27 Nov/nov 2002 (27.11.2002)** US

(30) 10/356,168 **31 Jan/jan 2003 (31.01.2003)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC GAS CONTROL SYSTEM FOR A GAS DISCHARGE LASER

- SYSTEME DE REGULATION DU DEBIT GAZEUX AUTOMATIQUE POUR LASER A GAZ

(71) **CYMER, INC.** [US/US]; Legal Dept., 17075 Thornmint Drive, San Diego, CA 92127 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RULE, John, A.** [US/US]; 38 Rice Road, Hingham, MA 02043 (US). **HOFMANN, Thomas** [DE/US]; 4794 Arizona Street # 205, San Diego, CA 92116 (US). **MORTON, Richard, G.** [US/US]; 17786

Aguamiel Road, San Diego, CA 92127 (US). **BROWN, Daniel, J., W.** [AU/US]; 14020 Chicarita Creek Road, San Diego, CA 92128 (US). **FLEUROV, Vladimir, B.** [US/US]; 20856 Viento Valle, Escondido, CA 92025 (US). **TRINTCHOUK, Fedor** [RU/US]; 17408 Matinal Road, Apartment 3812, San Diego, CA 92127 (US). **ISHIHARA, Toshiko** [JP/US]; 7447 Salazar Street, San Diego, CA 92111 (US). **ERSHOV, Alexander, I.** [US/US]; 11312 Meadow Flower Place, San Diego, CA 92127 (US). **WITTAK, Christian, J.** [US/US]; 14329 Claymore Court, San Diego, CA 92129 (US).

(74) **CRAY, William;** Cymer Inc., Legal Department-MS/4-2C, 17075 Thornmint Court, San Diego, CA 92127 (US).

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

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

(11) **WO 03/096493** (13) A2

(21) PCT/US03/14269

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/378,847 **8 May/mai 2002 (08.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING A PULSE LASER

- PROCEDE ET SYSTEME PERMETTANT D'OBTENIR UN LASER A IMPULSIONS

(71) **JMAR RESEARCH, INC.** [US/US]; 3956 Sorrento Valley Boulevard, San Diego, CA 92121 (US).

(72) **RIEGER, Harry;** 17127 Pomerado Way, San Diego, CA 92128 (US).

(74) **ZINDANI, Abdul, R.** et al. / etc.; Baker & McKenzie, 2001 Ross Avenue, Suite 2300, 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).

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 H01S 3/00

(11) **WO 03/096494** (13) A2

(21) PCT/GB03/01998

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/142,862 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONOLITHICALLY INTEGRATED HIGH POWER LASER OPTICAL DEVICE

- DISPOSITIF OPTIQUE A LASER MONOLITHIQUE INTEGRE DE GRANDE PUISSANCE

(71) **BOOKHAM TECHNOLOGY PLC** [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).

(72) **ADAMS, David;** 1783 Cloverlawn Crescent, Gloucester, Ontario K1J 6V6 (CA). **HAYSOM, Joan;** 20 Hampton Avenue, Ottawa, Ontario K1Y 0N2 (CA). **WOODS, Ian;** 1612 Country Walk Drive, Gloucester, Ontario K1C 8E3 (CA).

(74) **DOWNING, Michael, Philip** 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H01S 3/00

(11) WO 03/096495 (13) A1

(21) PCT/US03/15000

(22) 10 May/mai 2003 (10.05.2003)

(25) en (26) en

(30) 60/379,903 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PULSE AMPLIFICATION WITH
STRETCHER PROVIDING NEGATIVE
DISPERSION• AMPLIFICATEUR D'IMPULSIONS
DOTE D'UN PROLONGATEUR ET
FOURNISSANT UNE DISPERSION
NEGATIVE(71) THE REGENTS OF THE UNIVERSITY
OF COLORADO [US/US]; 4001 Discovery
Drive, Suite 230, Campus Box 588, Boulder,
CO 80303 (US).(72) KAPTEYN, Henry, C.; 3509 Kirkwood
Place, Boulder, CO 80304 (US). BACKUS,
Sterling, J.; 2249 Watersong Circle, Long-
mont, CO 80504 (US).(74) BALES, Jennifer, L. et al. / etc.; Macheledt
Bales LLP, Mountain View Plaza, 1520 Eu-
clid Circle, Lafayette, CO 80026-1250 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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 H01S 3/10, 3/067, G02B 5/28

(11) WO 03/096496 (13) A1

(21) PCT/JP03/05499

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-134603 9 May/mai 2002 JP
(09.05.2002)(30) 2002-331326 14 Nov/nov 2002 JP
(14.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL FILTER MODULE AND
LIGHT AMPLIFIER USING THE MOD-
ULE• MODULE DE FILTRE OPTIQUE ET
AMPLIFICATEUR LUMINEUX UTILI-
SANT CE MODULE(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) AKIYAMA, Takayuki [JP/JP]; C/O
NIKON CORPORATION, 2-3, Marunouchi
3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).(74) OHNISHI, Shogo; S.OHNISHI & AS-
SOCIATES, HIGASHI-IKEBUKURO SS
BUILDING 1F, 3-20-3, Higashi-Ikebukuro,
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 JP KE KG KP KR KZ
LC LK 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 H01S 3/22

(11) WO 03/096497 (13) A1

(21) PCT/US03/12819

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 10/141,215 7 May/mai 2002 US
(07.05.2002)(30) 10/233,253 30 Aug/août 2002 US
(30.08.2002)(30) 60/412,349 20 Sep/sep 2002 US
(20.09.2002)(30) 60/426,888 15 Nov/nov 2002 US
(15.11.2002)(30) 60/442,579 24 Jan/jan 2003 US
(24.01.2003)(30) 60/443,673 28 Jan/jan 2003 US
(28.01.2003)(30) 60/445,715 7 Feb/fév 2003 US
(07.02.2003)(30) 10/384,967 8 Mar/mar 2003 US
(08.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH POWER DEEP ULTRAVIOLET
LASER WITH LONG LIFE OPTICS• LASER ULTRAVIOLET PROFOND A
GRANDE PUISSANCE EQUIPE D'UNE
OPTIQUE A LONGUE DUREE DE VIE(71) CYMER, INC. [US/US]; (a Nevada corpo-
ration), 17075 Thornmint Court, San Diego,
CA 92127 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YAGER, Thomas, A. [US/US]; 1953
Crest Drive, Encinitas, CA 92024 (US).
PARTLO, William, N. [US/US]; 12634
Pedriza Drive, Poway, CA 92064 (US).
SANDSTROM, Richard, L. [US/US]; 410
Bridoon Terrace, Encinitas, CA 92024 (US).
PAN, Xiaojiang [US/US]; 11220 Mayan
Court, San Diego, CA 92127 (US). MEL-
CHIOR, John, T. [US/US]; 12727 Texana,
San Diego, CA 92129 (US). ALGOTS,
John, M. [US/US]; 11795 Handrich Drive,
San Diego, CA 92131 (US). BALL, Matthew
[US/US]; 2871 Anaheim Street, Escondido,
CA 92025 (US). ERSHOV, Alexander,
I. [US/US]; 11312 Meadow Flower Place,
San Diego, CA 92127 (US). FLEUROV,
Vladimir [US/US]; 20856 Viento Valle,
Escondido, CA 92025 (US). GILLESPIE,Walter, D. [US/US]; 13004 Pomard Way,
Poway, CA 92064 (US). GLATZEL, Hol-
ger, K. [DE/US]; 10480 Matinal Circle, San
Diego, CA 92127 (US). LUBLIN, Leonard
[US/US]; 46 MacArthur Road, Concord, MA
01742 (US). MARSH, Elizabeth [US/US];
132 Forest Street, Melrose, MA 02176 (US).
MORTON, Richard, D. [US/US]; 17786
Aguamiel Road, San Diego, CA 92127
(US). UJAZDOWSKI, Richard, C. [US/US];
14540 Twin Peaks Road, Poway, CA 92064
(US). WARKENTIN, David, J. [US/US];
199 Mass Avenue, Apt. 914, Boston, MA
02115 (US). WEBB, R., Kyle [US/US]; 2490
Cilantro Glen, Escondido, CA 92029 (US).(74) CRAY, William; Cymer, Inc., Legal Depart-
ment, 17075 Thornmint Drive, San Diego, CA
92127 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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) H01S 5/00

(11) WO 03/096498 (13) A2

(21) PCT/EP03/04836

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 21 952.4 13 May/mai 2002 DE
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR THE PASSIVATION OF
THE MIRROR-TYPE SURFACES OF
OPTICAL SEMI-CONDUCTOR ELE-
MENTS• PROCEDE DE PASSIVATION DES
SURFACES REFLECTRICES DE COM-
POSANTS A SEMICONDUCTEURS
OPTIQUES(71) FORSCHUNGSVERBUND BERLIN E.V.
[DE/DE]; Rudower Chaussee 17, 12489
Berlin (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RESSEL, Peter [DE/DE]; Peter-
Gast-Weg 4, 12557 Berlin (DE). ER-
BERT, Götz [DE/DE]; Grünstr. 11, 12555
Berlin (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 UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00

(11) WO 03/096499 (13) A2

(21) PCT/GB03/02036

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 10/141,914 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SEMICONDUCTOR LASER

• LASER A SEMI-CONDUCTEUR

(71) BOOKHAM TECHNOLOGY PLC [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).

(72) REID, Benoit; 1927 Du Clairvaux, Gloucester, Ontario K1C 5X8 (CA).

(74) DOWNING, Michael, Philip et al. / etc.; Fry Heath & Spence LLP, The Gables, Massachusetts 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H01S 5/022, H01L 31/02, H05K 5/00

(11) WO 03/096500 (13) A1

(21) PCT/JP03/06022

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-138968 14 May/mai 2002 JP (14.05.2002)

(30) 2002-370457 20 Dec/déc 2002 JP (20.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL MODULE

• MODULE OPTIQUE

(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) YOSHIKAWA, Satoshi [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). SATO, Shunsuke [JP/JP]; c/o Yokohama

Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). KIMURA, Hiroyuki [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). MIZUE, Toshio [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (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) 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 H01S 5/50

(11) WO 03/096501 (13) A1

(21) PCT/JP03/05675

(22) 7 May/mai 2003 (07.05.2003)

(25) ja (26) ja

(30) 2002-133846 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • OPTICAL AMPLIFIER

• AMPLIFICATEUR 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) MORITO, Ken [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) KITANO, Yoshihito; Exceed Yotsuya 2nd Floor, 9, Daikyo-cho, Shinjuku-ku, Tokyo 160-0015 (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 H01T 2/02

(11) WO 03/096502 (13) A1

(21) PCT/SE03/00739

(22) 8 May/mai 2003 (08.05.2003)

(25) sv (26) en

(30) 0201424-9 13 May/mai 2002 SE (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR TRIGGERING A SPARK GAP

• DISPOSITIF ET PROCEDE ELECTRIQUE

(71) ABB AB [SE/SE]; S-721 83 Västerås (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALVARSSON, Per [SE/SE]; Lejon-gapsvägen 12, S-722 46 VÄSTERÅS (SE). JEPPSSON, Ola [SE/SE]; Dybecksg. 10 C, S-72222 Västerås (SE). JOHANSSON, Jan [SE/SE]; Klangberget, S-732 91 Arboga

(SE). PAULSSON, Lars [SE/SE]; Mölleröd, S-280 22 Vittsjö (SE).

(74) ABB GROUP SERVICES CENTER AB; Legal & Compliance/ Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 H02B

(11) WO 03/096503 (13) A2

(21) PCT/US03/14337

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,601 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR POWER THEFT PREVENTION BASED ON TDR OR FDR SIGNATURE MONITORING ON LV AND MV POWER LINES

• PROCEDE ET APPAREIL DE PREVENTION DU VOL D'ENERGIE BASEE SUR LE CONTROLE DE SIGNATURE TDR OU FDR SUR DES LIGNES D'ALIMENTATION EN ENERGIE LV ET MV

(71) ENIKIA LLC [US/US]; 948 U.S. Highway #22, North Plainfield, NJ 07060 (US).

(72) LOGVINOV, Oleg; 27 Beacon Hill Drive, East Brunswick, NJ 08816 (US). EBERT, Brion, J.; 3547 Glen Avenue, Easton, PA 18045 (US).

(74) BROOKS, Lorimer, P. et al. / etc.; P.O. Box 1018, Somerville, NJ 08876 (US).

(81) AE AG AU BA BB BG BR BY 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 MD MG MK MN MW MX NO NZ OM PH PL RO SD SG SK SL TN TT UA 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).

(51)⁷ H02B 13/02, H01H 33/02

(11) WO 03/096504 (13) A1

(21) PCT/NL03/00349

(22) 13 May/mai 2003 (13.05.2003)

- (25) nl (26) en
- (30) 1020581 **13 May/mai 2002** NL
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • SWITCHING INSTALLATION PROVIDED WITH AN ELECTRICALLY INSULATING BARRIER
• INSTALLATION DE COMMUTATION POURVUE D'UNE BARRIÈRE D'ISOLATION ELECTRIQUE
- (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) **LAMMERS, Arend, Jan, Willem** [NL/NL]; Louis Bouwmeesterstraat 117, NL-7558 TV Hengelo (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.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/02**
- (11) **WO 03/096505** (13) A1
- (21) PCT/US03/14191
- (22) **7 May/mai 2003 (07.05.2003)**
- (25) en (26) en
- (30) 60/378,284 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AUTO-FEED/REWIND ELECTRIC CORD REEL
• BOBINE DE CABLE ELECTRIQUE A AUTO-ALIMENTATION/REMBOBINAGE
- (71) **ROYAL APPLIANCE MFG. CO.** [US/US]; 7005 Cochran Road, Glenwillow, OH 44139 (US).
- (72) **REINDLE, Mark, E.**; 865 Nesbitt Road, Sagamore Hills, OH 44067 (US). **KISELA, David**; 1552 Thirteenth Street, Cuyahoga Falls, OH 44223 (US). **WALKER, Rick, W.**; 2375 Shadow Lane, Stow, OH 44224 (US).
- (74) **MOLDOVANYI, Jay, F.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, 7th Floor, 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) EP (AT BE 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 **H02H 3/00**
- (11) **WO 03/096506** (13) A1
- (21) PCT/DE03/01258
- (22) **10 Apr/avr 2003 (10.04.2003)**
- (25) de (26) de
- (30) 102 21 572.3 **8 May/mai 2002** DE
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ELECTRIC POWER SWITCH WITH AN ELECTRONIC MEMORY UNIT FOR PARAMETERS AND CONVERSION FACTORS
• DISJONCTEUR ELECTRIQUE COMPRENANT UNE MEMOIRE ELECTRONIQUE POUR DES PARAMETRES CARACTERISTIQUES ET DES FACTEURS DE CONVERSION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DRIEHORN, Thomas** [DE/DE]; Derfflingerstr. 18 B, 12249 Berlin (DE). **KRAUSS, Andreas** [DE/DE]; Wartburgstr. 31, 10825 Berlin (DE). **MUSIOL, Aron-Ernst** [DE/DE]; Lichtenrader Damm 246, 12305 Berlin (DE). **RÖHL, Wolfgang** [DE/DE]; Im Rehgrund 43 A, 13503 Berlin (DE). **REDMANN, Ilka** [DE/DE]; Jagowstrasse 44, 10555 Berlin (DE). **PANCKE, Andreas** [DE/DE]; Bernauer Str. 47, 13507 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 10 34, 80506 München (DE).
- (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).
-
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : CN IN EP (AT BE 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 **H02H 7/08**
- (11) **WO 03/096507** (13) A1
- (21) PCT/DE03/00339
- (22) **6 Feb/fév 2003 (06.02.2003)**
- (25) de (26) de
- (30) 102 21 081.0 **11 May/mai 2002** DE
(11.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INVERTER FOR AN ELECTRIC MACHINE
• ONDULEUR 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) **KUEHNER, Jochen** [DE/DE]; Nuertinger Strasse 7, 71522 Backnang-Heiningen (DE). **PLIKAT, Robert** [DE/DE]; Leimbachstrasse 8, 72800 Eningen (DE). **RECHBERGER, Klaus** [DE/DE]; Porzellanallee 21, 71638 Ludwigsburg (DE). **RUOPP, Jochen** [DE/DE]; Stuttgarter Strasse 28, 72666 Neckartailfingen (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 **H02J**
- (11) **WO 03/096508** (13) A2
- (21) PCT/AT03/00119
- (22) **28 Apr/avr 2003 (28.04.2003)**
- (25) de (26) de
- (30) A 737/2002 **14 May/mai 2002** AT
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • POWER SUPPLY UNIT
• BLOC D'ALIMENTATION
- (71) **SIEMENS AG ÖSTERREICH** [AT/AT]; Siemensstrasse 88-92, A-1210 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHWEIGERT, Harald** [AT/AT]; Ehrenfelsgasse 20/1, A-1120 Wien (AT).
- (74) **MATSCHNIG, Franz**; Siebensterngasse 54, A-1071 Wien (AT).
- (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 **H02J**
- (11) **WO 03/096509** (13) A2
- (21) PCT/US03/13700
- (22) **30 Apr/avr 2003 (30.04.2003)**
- (25) en (26) en
- (30) 10/141,695 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • THROUGH-WALL ELECTRICAL SYSTEM
• SYSTEME ELECTRIQUE ACCESSIBLE DES DEUX COTES D'UNE CLOISON
- (71) **APPLIED TECHNOLOGY AND SOLUTIONS** [US/US]; 519 South Sixth Street, St. Charles, MO 63301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRUSE, Russell, E.** [US/US]; 519 South Sixth Street, St. Charles, MO 63301 (US). **BRYANT, Russell, L.** [US/US]; 306 Congressional Court, Vernon Hills, IL 60061 (US).
- (74) **GRAY, Scott, T.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ H02J 1/10, H02M 7/17

(11) WO 03/096510 (13) A1

(21) PCT/JP03/05739

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 2002-137510 13 May/mai 2002 JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INDOOR POWER DISTRIBUTION
SYSTEM

• SYSTEME DE DISTRIBUTION DE
COURANT INTERNE

(71) NITTA CORPORATION [JP/JP]; 4-26,
Sakuragawa 4-chome, Naniwa-ku, Osaka-shi,
Osaka 556-0022 (JP).

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

(72, 75) WANG, Guo-Hua [CN/JP]; c/o
NITTA CORPORATION Nara Plant, 172,
Ikezawa-cho, Yamatokohriyama-shi, Nara
639-1032 (JP).

(74) INAOKA, Kosaku et al. / etc.; c/o Ai As-
sociation of Patent and Trademark Attorneys,
12F Jyutakukinyukoko-Sumitomoseimci
Bldg., 5-20, Minamihommachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0054 (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).

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(51)⁷ H02J 3/38

(11) WO 03/096511 (13) A1

(21) PCT/DE03/01397

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(30) 102 20 738.0 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWER SUPPLY SYSTEM FOR IS-
LAND NETWORKS

• SYSTEME D'ALIMENTATION EN
ENERGIE POUR RESEAUX ISOLEES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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

(72, 75) KARSTAD, Vemund [NO/NO]; Selbyg-
gerveien 127, N-0591 Oslo (NO).

(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
US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 NI NO NZ OM PH PL 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 H02J 7/00

(11) WO 03/096512 (13) A2

(21) PCT/GB03/02030

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 0210886.8 13 May/mai 2002 GB
(13.05.2002)

(30) 0213024.3 7 Jun/juin 2002 GB
(07.06.2002)

(30) 0225006.6 28 Oct/oct 2002 GB
(28.10.2002)

(30) 0228425.5 6 Dec/déc 2002 GB
(06.12.2002)

(30) 10/326,571 20 Dec/déc 2002 US
(20.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVEMENTS RELATING TO CON-
TACT-LESS POWER TRANSFER

• AMELIORATIONS RELATIVES AU
TRANSFERT DE PUISSANCE SANS
CONTACT

(71) SPLASHFLOWER LIMITED [GB/GB];
St. John's Innovation Centre, Cowley Road,
Cambridge CB4 0WS (GB).

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

(72, 75) CHENG, Lily, Ka, Lay [CA/GB]; 53
College Fields, Woodhead Drive, Cambridge
CB4 1YZ (GB). HAY, James, Westwood
[GB/GB]; 10 Watermead, Bar Hill, Cam-
bridge CB3 8TJ (GB). BEART, Pilgrim,
Giles, William [GB/GB]; 35 Royston Road,
Harston, Cambridge CB2 5NH (GB).

(74) HARRISON GODDARD FOOTE; Bel-
grave 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 H02J 7/00, 7/34

(11) WO 03/096513 (13) A1

(21) PCT/JP03/05954

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-137773 13 May/mai 2002 JP
(13.05.2002)

(30) 2002-324677 8 Nov/nov 2002 JP
(08.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CORDLESS DEVICE SYSTEM

• SYSTÈME À DISPOSITIFS SANS COR-
DON

(71) SUN BRIDGE CORPORATION [JP/JP];
1-16-7, Kitamae, Chatan-cho, Nak-
agami-gun, Okinawa 904-0117 (JP).

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

(72, 75) TAKARA, Ken [JP/JP]; c/o SUN
BRIDGE CORPORATION, 1-16-7, Ki-
tamae, Chatan-cho, Nakagami-gun, Oki-
nawa 904-0117 (JP). MUSHIAKE, Nao-
fumi [JP/JP]; c/o SUN BRIDGE CORPO-
RATION, 1-16-7, Kitamae, Chatan-cho,
Nakagami-gun, Okinawa 904-0117 (JP).
MATSUBARA, Akira [JP/JP]; c/o SUN
BRIDGE CORPORATION, 1-16-7, Kita-
mae, Chatan-cho, Nakagami-gun, Okinawa
904-0117 (JP). IKEUCHI, Toyota [JP/JP];
c/o SUN BRIDGE CORPORATION, 1-16-7,
Kitamae, Chatan-cho, Nakagami-gun, Oki-
nawa 904-0117 (JP).

(74) HIRAYAMA, Kazuyuki; 6th Floor, Shin-
juku-gyoen Bldg., 2-3-10, Shinjuku, Shin-
juku-ku, Tokyo 160-0022 (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 H02K 1/18

(11) WO 03/096514 (13) A1

(21) PCT/JP03/04862

(22) 16 Apr/avr 2003 (16.04.2003)

(25) ja (26) ja

(30) 2002-133110 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRIC MOTOR AND COMPRES-
SOR

• MOTEUR ELECTRIQUE ET COM-
PRESSEUR

(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) **IDA, Kazuo** [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP). **AMANO, Ryuichiro** [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP). **KOJIMA, Hiroaki** [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP).

(74) **MAEDA, Hiroshi et al.** / etc.; Honmachi-nakajima Bldg., 4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) BR 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).

(51)⁷ **H02K 3/28**

(11) **WO 03/096515** (13) A1

(21) PCT/JP03/05742

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-136689 **13 May/mai 2002 JP (13.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROTARY ELECTRIC MACHINE

• MACHINE ELECTRIQUE TOURNANTE

(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) **IZUMI, Yoshiyuki** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). **SAKAKIBARA, Hiroshi** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).

(74) **CHIBA, Yoshihiro et al.** / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI 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 **H02K 3/493**

(11) **WO 03/096516** (13) A1

(21) PCT/FI03/00341

(22) **2 May/mai 2003 (02.05.2003)**

(25) fi (26) en

(30) 20020879 **8 May/mai 2002 FI (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • STATOR WINDING OF THE ELECTRIC MOTOR OF AN ELEVATOR MACHINE
• ENROULEMENT DE STATOR POUR MOTEUR ELECTRIQUE D'APPAREIL ELEVATEUR

(71) **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI). (for all designated States except / pour tous les États désignés sauf US)

(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).

Published / Publiée : (c)

(51)⁷ **H02K 3/493**

(11) **WO 03/096517** (13) A1

(21) PCT/FI03/00342

(22) **2 May/mai 2003 (02.05.2003)**

(25) fi (26) en

(30) 20020885 **8 May/mai 2002 FI (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOUNTING OF THE STATOR WINDING OF THE ELECTRIC MOTOR OF AN ELEVATOR MACHINE
• MONTAGE D'UN ENROULEMENT DE STATOR DU MOTEUR ELECTRIQUE D'UN ELEVATEUR

(71) **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI). (for all designated States except / pour tous les États désignés sauf US)

(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).

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(51)⁷ **H02K 7/00, 53/00**

(11) **WO 03/096518** (13) A1

(21) PCT/CN02/00312

(22) **8 May/mai 2002 (08.05.2002)**

(25) zh (26) zh

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A GENERATING SET USING PHYSICS ENERGY AND ELECTRIC POWER
• ENSEMBLE GENERATEUR UTILISANT DE L'ENERGIE PHYSIQUE ET DE L'ENERGIE ELECTRIQUE

(71, 72) **CHAO, Wen-Ping** [CN/CN]; No. 8, Lane 27, Sec. 3, Chung-Yang Road, Sanchung, Taipei Hsien, Taiwan (CN).

(74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.**; 16/F, Zhongke Building, No. 80, Haidian Road, Haidian District, Beijing 100080 (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 **H02K 17/18, 17/12**

(11) **WO 03/096519** (13) A2

(21) PCT/JP03/04418

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) ja (26) ja

(30) 2002-175078 **12 May/mai 2002 JP (12.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INDUCTION MOTOR HAVING STATOR WINDINGS DIVIDED IT AXIAL DIRECTION
• MOTEUR A INDUCTION DONT LES ENROULEMENTS DE STATOR SONT DIVISES AXIALEMENT

(71, 72) OKAWA, Yoshimitsu [JP/JP]; 1030, Aza-Higashiwaki, Nabeyaueno-cho, Chikusa-Ku, Nagoya, Aichi 464-0097 (JP).

(74) UENO, Noboru; KS Iseya Building 8th Floor, 21-23, Sakae 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CA CN DE GB KR US.

Published / Publiée : (i)

(51)⁷ H02M 3/07

(11) WO 03/096520 (13) A2

(21) PCT/IB03/01492

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076827.1 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHARGE PUMP

• POMPE DE CHARGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) SMEETS, Patrick, E., G. [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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ H02N 2/18, H01L 41/113

(11) WO 03/096521 (13) A2

(21) PCT/DE03/01468

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 21 420.4 14 May/mai 2002 DE (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR CONVERTING MECHANICAL ENERGY INTO ELECTRICAL ENERGY

• DISPOSITIF POUR TRANSFORMER UNE ENERGIE MECANIQUE EN ENERGIE ELECTRIQUE

(71) ENOCEAN GMBH [DE/DE]; Kolpingring 18a, 82041 Oberhaching (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Frank [DE/DE]; Anzinger Str. 11, 85604 Zorneding (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/00, E02F 9/22, B66C 23/84

(11) WO 03/096522 (13) A1

(21) PCT/JP03/05138

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(30) 2002-136967 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROTATINGLY DRIVING DEVICE OF CONSTRUCTION MACHINERY

• DISPOSITIF D'ENTRAÎNEMENT ROTATIF DE MACHINE DE CONSTRUCTION

(71) KOBELCO CONSTRUCTION MACHINERY CO., LTD. [JP/JP]; 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGANO, Naoki [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). YOSHIMATSU, Hideaki [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). UEJIMA, Mamoru [JP/JP]; c/o Okubo Plant in KOBELCO CONSTRUCTION MACHINERY CO., LTD., 740, Yagi, Okubocho, Akashi-shi, Hyogo 674-0063 (JP). INOUE, Koji [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (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) 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 H02P 7/36

(11) WO 03/096523 (13) A1

(21) PCT/PH02/00005

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REDUCED ENERGY MULTIPLE-FUNCTION DIGITAL CONTROLLER FOR MOTORS AND APPLIANCES

• CONTROLEUR NUMERIQUE MULTIFONCTIONS DE LA REDUCTION DE LA CONSOMMATION D'ENERGIE POUR MOTEURS ET APPAREILS MENAGERS

(71, 72) RISSO, Andrew, F. [US/US]; Unit 2203A Wack-Wack Twin Towers, Wack-Wack Road, Mandaluyong City (PH). DE LEON, Hilary, L. [PH/PH]; 26 Gambier Street, Fairmont Hills, Antipolo City (PH). CHUA, Jonathan, C. [PH/PH]; 1320 Balintawak Street, Tondo, Manila (PH). DALUMPINES, Ricardo, B., Jr. [PH/PH]; B-7, L-5 Don Carlos Village, Pasay City (PH).

(74) ABELLO CONCEPCION REGALA & CRUZ LAW OFFICES; ACCRA Building, 122 Gamboa Street, Legaspi Village, Makati City (PH).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03D 3/00

(11) WO 03/096524 (13) A2

(21) PCT/EP03/04848

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 02076835.4 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MIRROR SUPPRESSION CIRCUIT AND RECEIVER USING SUCH CIRCUIT

• CIRCUIT DE SUPPRESSION DE MIROIR ET RECEPTEUR UTILISANT LEDIT CIRCUIT

(71) SEMICONDUCTOR IDEAS TO THE MARKET (ITOM) B.V. [NL/NL]; Drielandendreef 53, NL-4839 AH Breda (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KASPERKOVITZ, Wolfdietrich, Georg [NL/NL]; Eikenlaan 4, NL-5581 HA Waalre (NL).

(74) VAN STRAATEN, Joop; Octrooibureau van Straaten, Mgr. Bosstraat 22, NL-5401 EB Uden (NL).

(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 H03F

(11) WO 03/096525 (13) A2

(21) PCT/US03/14957

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,436 13 May/mai 2002 US
(13.05.2002)

(30) 10/435,851 12 May/mai 2003 US
(12.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POLYPHASE IMPEDANCE TRANS-
FORMATION AMPLIFIER

• AMPLIFICATEUR POLYPHASE A
TRANSFORMATION D'IMPEDANCE

(71) JAM TECHNOLOGIES, LLC. [US/US];
770 Boylston Street #15H, Boston, MA
02119-7713 (US).

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

(72, 75) KIRN, Larry [US/US]; 7158 Valley-
brook, West Bloomfield, MI 48322 (US).

(74) POSA, John, G. et al. / etc.; Gifford, Krass,
Groh, Sprinkle, Anderson & Citkowski, P.C.,
Suite 400, 280 N. Old Woodward Avenue,
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 H03F 1/32

(11) WO 03/096526 (13) A1

(21) PCT/JP03/03696

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-139111 14 May/mai 2002 JP
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HYBRID DISTORTION COMPENSA-
TION METHOD AND HYBRID DIS-
TORTION COMPENSATION DEVICE

• PROCEDE DE CORRECTION DE DIS-
TORTION HYBRIDE ET DISPOSITIF
DE CORRECTION DE DISTORTION
HYBRIDE

(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) ITAHARA, Hiroshi [JP/JP]; 1-18-1-
A101, Funakura, Yokosuka-shi, Kanagawa
239-0805 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (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 H03F 3/217

(11) WO 03/096527 (13) A1

(21) PCT/JP03/05576

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-137778 13 May/mai 2002 JP
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • POWER AMPLIFICATION DEVICE

• DISPOSITIF D'AMPLIFICATION DE
PUISSANCE

(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) OHKURI, Kazunobu [JP/JP]; c/o
SONY CORPORATION, 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). MASUDA, Toshihiko
[JP/JP]; c/o SONY CORPORATION, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th 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 H03G 1/00

(11) WO 03/096528 (13) A2

(21) PCT/FR03/01363

(22) 30 Apr/avr 2003 (30.04.2003)

(25) fr (26) fr

(30) 02/05577 3 May/mai 2002 FR
(03.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WIDE-DYNAMIC-RANGE, VARI-
ABLE-GAIN, LOW-NOISE AMPLIFIER
CIRCUIT

• MONTAGE AMPLIFICATEUR A GAIN
VARIABLE ET FAIBLE BRUIT A
GRANDE DYNAMIQUE

(71) THALES ULTRASONICS SAS [FR/FR];
173, boulevard Haussmann, F-75008 Paris
(FR).

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

(72, 75) POMATA, Francesco [FR/FR]; Thales
Intellectual Property, 31-33, avenue Aris-
tide Briand, F-94117 Arcueil Cedex (FR).
MONINI, Didier [FR/FR]; Thales Intellec-
tual Property, 31-33, avenue Aristide Briand,
F-94117 Arcueil Cedex (FR).

(74) CHAVERNEFF, Vladimir et al. / etc.;
Thales Intellectual Property, 31-33, avenue
Aristide Briand, F-94117 Arcueil Cedex
(FR).

(81) JP KR 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 H03G 3/00

(11) WO 03/096529 (13) A1

(21) PCT/US03/14925

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/145,225 13 May/mai 2002 US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUDIO DISTRIBUTION SYSTEM

• SYSTEME DE DISTRIBUTION AUDIO

(71) DANA INNOVATIONS [US/US]; 212
Avenida Fabricante, San Clemente, CA
92672-7531 (US).

(72) CURTIS, Jerry; 6980 Knott Avenue, #H,
Buena Park, CA 92807 (US). PETERSON,
James; 16851 Orchard Bend, Poway, CA
92064 (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 H03G 3/30

(11) WO 03/096530 (13) A1

(21) PCT/JP03/05525

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-131693 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AGC CIRCUIT

• CIRCUIT DE COMMANDE AUTOMA-
TIQUE DE GAIN

(71) KABUSHIKI KAISHA TOYOTA JI-
DOSHOKKI [JP/JP]; 2-1, Toyoda-cho,

Kariya-shi, Aichi 448-8671 (JP). NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishiro-cho 2-chome, Joetsu-shi, Niigata 943-0834 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIKE, Tsuyoshi [JP/JP]; c/o KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). MIYAGI, Hiroshi [JP/JP]; c/o NIIGATA SEIMITSU CO., LTD., 5-13, Nishishiro-cho 2-chome, Joetsu-shi, Niigata 943-0834 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) CN KR US.

(84) EP (DE FR GB NL).

(51)⁷ H03H 7/01

(11) WO 03/096531 (13) A2

(21) PCT/GB03/01501

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(30) 0210932.0 13 May/mai 2002 GB (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF COMBINING SIGNALS AND DEVICE THEREFOR

• PROCEDE DE COMBINAISON DE SIGNAUX ET DISPOSITIF POUR CE PROCEDE

(71) UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD [GB/GB]; 56 Park Place, Cardiff, South Wales CF10 3XR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENEDIKT, Johannes [DE/GB]; 73 Bryn Haidd, Pentwyn, South Wales CF23 7JP (GB).

(74) PEARSON, James, Ginn et al. / etc.; Abel & Imray, 20 Red Lion Street, London WCR1 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/09, H04R 3/00

(11) WO 03/096532 (13) A1

(21) PCT/KR03/00903

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 10-2002-0025205 8 May/mai 2002 KR (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEMODULATION APPARATUS FOR DIGITAL AUDIO AMPLIFIER

• APPAREIL DE DEMODULATION POUR AMPLIFICATEUR AUDIO NUMERIQUE

(71) PULSUS TECHNOLOGIES [KR/KR]; Dongsan B/D 5F, 67-7 Yangjaedong, Seochoku, Seoul 137-889 (KR).

(72) JEONG, Bong Soo; #904-307, Jugong Apartment, 1043, Mansu 6-dong, Namdong-gu, Incheon 405-773 (KR).

(74) LEE, Ji-Yeon; 401, 898-16, Daechi-dong, Gangnam-gu, Seoul 135-840 (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 H03H 9/64, 9/72

(11) WO 03/096533 (13) A1

(21) PCT/JP03/05985

(22) 14 May/mai 2003 (14.05.2003)

(25) ja (26) ja

(30) 2002-138052 14 May/mai 2002 JP (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELASTIC SURFACE WAVE ELEMENT, ELASTIC SURFACE WAVE DEVICE, AND BRANCHING FILTER

• ELEMENT ELASTIQUE A ONDES DE SURFACE, DISPOSITIF ELASTIQUE A ONDES DE SURFACE ET FILTRE RAMIFIE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(72) INOUE, Kenji; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). NAKANO, Masahiro; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). SATO, Katsuo; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) KURIHARA, Kiyoshi et al. / etc.; Clover International Patent Office, Famille Shinjuku Grand-Suite Tower, No.606, 21-8, Yoyogi, 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(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).

(51)⁷ H03H 17/06, H04R 3/04

(11) WO 03/096534 (13) A1

(21) PCT/JP03/05263

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(30) 2002-134572 9 May/mai 2002 JP (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TONE QUALITY ADJUSTMENT DEVICE DESIGNING METHOD AND DESIGNING DEVICE, TONE QUALITY ADJUSTMENT DEVICE DESIGNING PROGRAM, AND TONE QUALITY ADJUSTMENT DEVICE

• PROCEDE ET DISPOSITIF DE MISE AU POINT D'UN DISPOSITIF DE REGLAGE DE LA QUALITE SONORE, PROGRAMME DE MISE AU POINT D'UN DISPOSITIF DE REGLAGE DE LA QUALITE SONORE ET DISPOSITIF DE REGLAGE DE LA QUALITE SONORE

(71) NEURO SOLUTION CORP. [JP/JP]; 4-7, Nakamachi 5-chome, Setagaya-ku, Tokyo 158-0091 (JP).

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

(72, 75) KOYANAGI, Yukio [JP/JP]; 409-1-D115, Nakao, Saitama-shi, Saitama 336-0932 (JP).

(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H03J 1/00, 7/02

(11) WO 03/096535 (13) A1

(21) PCT/GB03/01779

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 0210849.6 11 May/mai 2002 GB (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND RADIO FREQUENCY RECEIVER APPARATUS FOR PROCESSES RADIO FREQUENCY SIGNALS

• PROCEDE ET APPAREIL RECEPTEUR DE RADIOFREQUENCE PERMETTANT DE TRAITER DES SIGNAUX DE RADIOFREQUENCE

(71) CEDARDELL LIMITED [GB/GB]; Wardens End, Low Warden, Hexham, Northumberland NE46 5SN (GB).

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

(72, 75) TODD, Robert, Edmund [GB/GB]; 38 Broadway, Blyth, Northumberland NE24 2PP (GB).

(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 H03K

(11) WO 03/096536 (13) A2

(21) PCT/US03/14499

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/141,283 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REMOTE RELEASE FOR A MOVABLE BARRIER ARRANGEMENT

• SYSTEME ET PROCEDE DE DECOUPLAGE A DISTANCE POUR MECANISME DE BARRIERE MOBILE

(71) THE CHAMBERLAIN GROUP, INC. [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).

(72) GRIFFIN, James, C.; 883 Chancel Circle, Glen Ellen, IL 60137 (US). FITZGIBBON, James, J.; 1521 Hadley Drive, Batavia, IL 60510 (US). LAIRD, Edward, T.; 444 South Main Street, Lombard, IL 60148 (US). OLMSTED, Robert, J.; 161 East Louise Court, Wood Dale, IL 60191 (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 H03K 19/173

(11) WO 03/096537 (13) A1

(21) PCT/US03/14847

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,999 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CROSS POINT SWITCH WITH SERIALIZER AND DESERIALIZER FUNCTIONS

• MULTISELECTEUR A FONCTIONS SERIALISEUR ET DESERIALISEUR

(71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, South Portland, ME 04106 (US).

(72) FOWLER, Michael, L.; 29 Vines Road, Saco, ME 04072 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H03M

(11) WO 03/096538 (13) A2

(21) PCT/EP03/04758

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 370.9 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR RECOVERING A CODE WORD FROM A RECEIVED FAULTY CODE WORD, METHOD AND DEVICE FOR GENERATING A CODE WORD, AND TRANSMISSION SYSTEM

• PROCEDE ET DISPOSITIF POUR RECUPERER UN MOT DE CODE A PARTIR D'UN MOT DE CODE ERREUR REÇU ET DISPOSITIF POUR PRODUIRE UN MOT DE CODE, ET SYSTEME DE CONTROLE

(71) TECHNISCHE UNIVERSITÄT MÜNCHEN [DE/DE]; Arcisstrasse 21, 80333 München (DE).

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

(72, 75) KAINDL, Markus [DE/DE]; Schillerstrasse 5, 85221 Dachau (DE). HAGENAUER, Joachim [DE/DE]; Roseggerstrasse 41, 82229 Seefeld (DE).

(74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/10

(11) WO 03/096539 (13) A1

(21) PCT/AT02/00144

(22) 13 May/mai 2002 (13.05.2002)

(25) de (26) de

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIGITAL-TO-ANALOG CONVERTER COMPRISING AN INTEGRATED TEST CIRCUIT

• CONVERTISSEUR NUMERIQUE-ANALOGIQUE COMPORTANT UN CIRCUIT DE TEST INTEGRE

(71) AUSTRIAMICROSYSTEMS AG [AT/AT]; Schloss Premstätten, Tobelbaderstrasse 30, A-8141 Unterpremstätten (AT).

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

(72, 75) THEILER, Helmut [AT/AT]; Packerstrasse 88, A-8501 Lieboch (AT).

(74) HAFFNER, Thomas, M.; Schottengasse 3a, A-1014 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 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 H03M 1/10

(11) WO 03/096540 (13) A1

(21) PCT/EP03/04805

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 762.3 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTRONIC CIRCUIT ARRANGEMENT FOR ERROR-FREE ANALOG/DIGITAL CONVERSION OF SIGNALS

• CIRCUIT ELECTRONIQUE DE CONVERSION ANALOGIQUE/NUMERIQUE DE SIGNAUX PROTEGEE CONTRE LES ERREURS

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/M. (DE).

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

(72, 75) FEY, Wolfgang [DE/DE]; Nesselweg 17, 65527 Niedernhausen (DE). ENGELMANN, Mario [DE/DE]; Birkenweg 52, 61449 Steinbach/Ts. (DE). OEHLER, Peter [DE/DE]; Adolf-Hauser-Str. 18, 65929 Frankfurt-Höchst (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).

Published / Publiée : (n)

(51)⁷ H03M 1/12

(11) WO 03/096541 (13) A1

(21) PCT/US03/13166

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

- (30) 10/142,503 **10 May/mai 2002** US
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • HIGH PRECISION ANALOG TO DIGITAL CONVERTER
• CONVERTISSEUR ANALOGIQUE-NUMERIQUE HAUTE PRECISION
- (71) O2MICRO, INC. [US/US]; 3118 Patrick Henry Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIU, Liusheng [CN/US]; 3172 Neal Avenue, #4, San Jose, CA 95117 (US). LI, Guoxing [CN/US]; 910 W. Remington Drive, #7B, Sunnyvale, CA 94087 (US).
- (74) PFLEGER, Edmund P., et al. / etc.; Grossman Tucker Perreault & Pfleger, PLLC, 55 South Commercial 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/74

(11) WO 03/096542 (13) A1

(21) PCT/JP03/05264

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(30) 2002-134573 **9 May/mai 2002** JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIGITAL-ANALOG CONVERTER

• CONVERTISSEUR NUMERIQUE-ANALOGIQUE

(71) NEURO SOLUTION CORP. [JP/JP]; 4-7, Nakamachi 5-chome, Setagaya-ku, Tokyo 158-0091 (JP).

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

(72, 75) KOYANAGI, Yukio [JP/JP]; 409-1-D115, Nakao, Saitama-shi, Saitama 336-0932 (JP).

(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H03M 7/30

(11) WO 03/096543 (13) A1

(21) PCT/GB03/00384

(22) 30 Jan/jan 2003 (30.01.2003)

(25) en (26) en
(30) 0210604.5 **9 May/mai 2002** GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND ARRANGEMENT FOR DATA COMPRESSION ACCORDING TO THE LZ77 ALGORITHM

• PROCEDE ET AGENCEMENT POUR LA COMPRESSION DE DONNEES SELON L'ALGORITHME LZ77

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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

(72, 75) COCKBURN, Gordon [GB/GB]; 56 Shirley Avenue, Southampton, Hampshire SO15 5NJ (GB). HAWES, Adrian, John [GB/GB]; 9 Beechwood Close, Chandlers Ford, Eastleigh, Hampshire SO53 5PB (GB).

(74) BURT, Roger, James; 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 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 H03M 7/30

(11) WO 03/096544 (13) A1

(21) PCT/GB03/00388

(22) 30 Jan/jan 2003 (30.01.2003)

(25) en (26) en

(30) 0210602.9 **9 May/mai 2002** GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CIRCUIT AND METHOD FOR USE IN DATA COMPRESSION

• CIRCUIT ET PROCEDE UTILISE DANS LA COMPRESSION DE DONNEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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

(72, 75) COCKBURN, Gordon [GB/GB]; 56 Shirley Avenue, Southampton, Hampshire SO15 5NJ (GB). HAWES, Adrian, John [GB/GB]; 9 Beechwood Close, Chandlers Ford, Eastleigh, Hampshire SO53 5PB (GB).

(74) BURT, Roger, James; 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 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 H03M 7/30, H04N 7/24

(11) WO 03/096545 (13) A1

(21) PCT/JP03/05546

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-132189 **7 May/mai 2002** JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENCODING METHOD AND DEVICE, AND DECODING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE CODAGE, AINSI QUE PROCEDE ET DISPOSITIF DE DECODAGE

(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) TOUYAMA, Keisuke [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUZUKI, Shiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TSUJI, Minoru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th 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 H03M 13/00

(11) WO 03/096546 (13) A2

(21) PCT/EP03/04689

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 02010430.3 **8 May/mai 2002** EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF SOFT-DECISION DECODING OF REED-SOLOMON CODES
• PROCEDE DE DECODAGE A DECISION SOUPLE DE CODES DE REED-SOLOMON

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

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

(72, 75) MÜLLER, Stefan [DE/DE]; Chabeuilstr. 1, 78087 Mönchweiler (DE). KRAVTCHEENKO, Alexander [DE/DE];

- Deutenbergring 146, 78056 Villingen-Schwenningen (DE). KABUTZ, Marten [ZA/DE]; Tirolerstr. 23, 78052 Villingen-Schwenningen (DE).
- (74) THIES, Stephan; European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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 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).
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- (51)⁷ H03M 13/00
- (11) WO 03/096547 (13) A1
- (21) PCT/US03/14206
- (22) 5 May/mai 2003 (05.05.2003)
- (25) en (26) en
- (30) 60/378,509 7 May/mai 2002 US (07.05.2002)
- (30) 60/378,170 13 May/mai 2002 US (13.05.2002)
- (30) 10/328,575 23 Dec/déc 2002 US (23.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • GENERATION OF USER EQUIPMENT IDENTIFICATION SPECIFIC SCRAMBLING CODE FOR THE HIGH SPEED SHARED CONTROL CHANNEL
- PRODUCTION D'UN CODE DE CHIFFREMENT SPECIFIQUE D'IDENTIFICATION D'EQUIPEMENT UTILISATEUR POUR CANAL DE SIGNALISATION PARTAGE A GRANDE VITESSE
- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) DICK, Stephen, G.; 61 Bobann Drive, Nesconset, NY 11767 (US). BOLOURCHI, Nader; 20 Bonnie Way, Larchmont, NY 10538 (US). SHIN, Sung-Hyuk; 1531 8th Street, Fort Lee, NJ 07024 (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 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).
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- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04B
- (11) WO 03/096548 (13) A2
- (21) PCT/DE03/01571
- (22) 14 May/mai 2003 (14.05.2003)
- (25) de (26) de
- (30) 102 21 390.9 14 May/mai 2002 DE (14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR PRODUCING A TRANSMISSION SIGNAL
- PROCEDE POUR GENERER UN SIGNAL D'EMISSION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) IRSCHIED, Otmar [DE/DE]; Plettstrasse 15, 81735 München (DE). LANGER, Andreas [DE/DE]; Krügerstrasse 14, 85716 Unterschleissheim-Lohhof (DE). MENGE, Michael [DE/DE]; Bellinzonastasse 1, 81475 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 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).
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- (51)⁷ H04B
- (11) WO 03/096549 (13) A2
- (21) PCT/US03/12517
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) en (26) en
- (30) 10/142,236 9 May/mai 2002 US (09.05.2002)
- (30) 10/198,017 17 Jul/juil 2002 US (17.07.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • REMOTE MONITORING SYSTEM
- SYSTEME DE SURVEILLANCE A DISTANCE
- (71) RADIANT COMMUNICATIONS CORPORATION [US/US]; P.O. Box 867, 5001 Hadley Road, South Plainfield, NJ 07080 (US).
- (72) FITZSIMMONS, John, E.; 121 Harbor Lane, Massapequa Park, NY 11762 (US). PHILLIPS, Denis, P.; 1461A First Ave. #285, New York, NY 10021 (US). THAW, Michael, J.; 6 Lotus Court, Ocean Township, NJ 07712 (US). KIKTA, Jacek, J.; 65 Probasco Road, East Windsor, NJ 08520 (US). DARISH, Jay, L.; 60 Winchester Drive, Hightstown, NJ 08520 (US).
- (74) SICKLES, Louis, H et al. / etc.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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).
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- (51)⁷ H04B
- (11) WO 03/096550 (13) A2
- (21) PCT/US03/13441
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) 10/139,844 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND APPARATUS FOR TRANSMITTING VOCODED INFORMATION
- PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATIONS VOCODEES
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) HARRIS, John, M.; 1108 W. Dickens Avenue, #2, Chicago, IL 60614 (US).
- (74) JACOBS, Jeffrey, K. 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 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).
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- (51)⁷ H04B
- (11) WO 03/096551 (13) A2
- (21) PCT/US03/14088
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 60/378,919 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)

- (54) • METHOD AND APPARATUS FOR REDUCING POWER OF A CDMA MOBILE STATION BY CONTROLLED TRANSITION FROM CONTROL HOLD TO ACTIVE STATE

• PROCEDE ET APPAREIL DE REDUCTION DE LA PUISSANCE D'UNE STATION MOBILE AMRC PAR TRANSITION CONTROLEE D'UN ETAT INACTIF A UN ETAT ACTIF

- (71) VIA TELECOM, INC. [US/US]; 3390 Carmel Mountain Road, San Diego, CA 92121 (US).

- (72) CZAJA, Stanislaw; 806 Ocean Crest, Cardiff, CA 92007 (US). YANG, Hong, Kui; 9816 Reagan Road, No. 105, San Diego, CA 92126 (US). LEE, Anthony; 14843 Gable Ridge Road, San Diego, CA 92128 (US).

- (74) BOLING, William, C. et al. / etc.; Jaquez & Associates, 750 B Street, Suite 2640, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096552 (13) A2

(21) PCT/US03/14265

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/141,034 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SYSTEM AND METHOD FOR SIMULTANEOUS COMMUNICATION AND APPARATUS ACTIVATION AND CONTROL

• SYSTEME ET PROCEDE DE COMMUNICATION SIMULTANEE ET APPAREIL D'ACTIONNEMENT ET DE COMMANDE

- (71, 72) WANDERLICH, Ronald, E. [US/US]; P.O. Box 1402, Hampton, NH 03842 (US).

- (74) O'CONNELL, Thomas, P.; O'Connell Law Office, 135 Cambridge Street, Suite 10, Burlington, MA 01803 (US).

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

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(51)⁷ H04B

(11) WO 03/096553 (13) A2

(21) PCT/US03/14894

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,858 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS

• CONTROLE DE FLUX COGNITIF BASE SUR LES CONDITIONS DE QUALITE DE CANAL

- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

- (72) TERRY, Stephen, E.; 15 Summit Avenue, Northport, NY 11768 (US). CHAO, Yi-Ju; 305 Maplewood Road, Huntington Station, NY 11746 (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 H04B

(11) WO 03/096554 (13) A2

(21) PCT/US03/15026

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,029 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SEAMLESS PUBLIC WIRELESS LOCAL AREA NETWORK USER AUTHENTICATION

• AUTHENTIFICATION D'UN UTILISATEUR DE RESEAU LOCAL SANS FIL, PUBLIC ET CONTINU

- (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) WANG, Charles, Chuanming [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US). MODY, Sachin, Satish [IN/US]; 708 White Pine Circle, Lawrenceville, NJ 08648 (US). ZHANG, Junbiao [CN/US]; 20 Jenna Drive, Bridgewater, NJ 08807 (US). RAMASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (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 UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096555 (13) A2

(21) PCT/US03/15045

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/380,594 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DSL MOBILE ACCESS ROUTER SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE ROUTEUR D'ACCES MOBILE DSL

- (71) MEG COMMUNICATIONS DBA AIR BROADBAND COMMUNICATIONS [US/US]; 99 W. Tasman Drive, Suite 120, San Jose, CA 95134 (US).

- (72) KANG, Ki, B.; 3440 El Camino Real #212, Santa Clara, CA 95051 (US).

- (74) HAVERSTOCK, Thomas, B. et al. / etc.; Haverstock & Owens LLP, 162 North 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096556 (13) A2

(21) PCT/US03/15078

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/143,660 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • INTERACTIVE CHAT MESSAGING
• TRANSMISSION DE MESSAGES DE CONVERSATION INTERACTIVE

(71) **DESKTOP MORPHICS** [US/US]; 7001 S. Dixie NW, Florida (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HAIMBERG, Nadar** [IL/US]; 15465 Take Off Place, Wellington, FL 33414 (US).

(74) **HAIMBERG, Nadar**; 15465 Take Off Place, Wellington, FL 33414 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, 7/26, H04J 13/00, H04L 27/00**

(11) **WO 03/096557** (13) A1

(21) PCT/JP03/05738

(22) **8 May/mai 2003 (08.05.2003)**

(25) ja (26) ja

(30) 2002-135961 **10 May/mai 2002** JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • RADIO TRANSMISSION DEVICE AND RADIO TRANSMISSION METHOD
• EMETTEUR RADIO ET PROCEDE D'EMISSION RADIO

(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) **AIZAWA, Junichi** [JP/JP]; 9-20, Sakaigihoncho, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0033 (JP).
ITAHARA, Hiroshi [JP/JP]; 832-2-502, Tokaichiba-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0025 (JP).
HAGIWARA, Yuichi [JP/JP]; 3-2-10-309, Kamiookanishi, Konan-ku, Yokohama-shi, Kanagawa 233-0002 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/38**

(11) **WO 03/096558** (13) A1

(21) PCT/US03/11816

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) en (26) en

(30) 10/144,406 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • SELF-CONFIGURING MULTIPLE ELEMENT PORTABLE ELECTRONIC DEVICE
• DISPOSITIF ELECTRONIQUE PORTABLE A MULTIPLES ELEMENTS AUTOCONFIGURABLES

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LENCHIK, Vitaly**; 1158 Tracie Drive, Lake Zurich, IL 60047 (US). **HILL, Casey**; 6303 Wyndwood Drive, Crystal Lake, IL 60014 (US). **KILP, David**; 1452 Vila Juno Drive, North Juno Beach, FL 33408 (US). **BAKER, Kevin**; 205 Christie Court, Twin Lakes, WI 53181 (US). **JENNINGS, John**; 1736 Cedar Glen Drive, Libertyville, IL 60048 (US). **KIM, Tong, Jin**; 1537 W. Farwell Avenue 2N, Chicago, IL 60626 (US). **PRINCE, Michael, D.**; 451 W. Aldine Avenue, Chicago, IL 60657 (US).

(74) **VAAS., Randall, S.** et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 **H04B 1/38, H04M 1/02**

(11) **WO 03/096559** (13) A1

(21) PCT/US03/14041

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 60/380,140 **6 May/mai 2002** US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • INTELLIGENT SELECTION OF MODE OF COMMUNICATION
• SELECTION INTELLIGENTE DE MODE DE COMMUNICATION

(71) **AVAYA TECHNOLOGY CORPORATION** [US/US]; 211 Mount Airy Road, Basking Ridge, NJ 07920-2332 (US).

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

(72, 75) **SELIGMANN, Doree, Duncan** [US/US]; 1046 Madison Avenue, New York, NY 10021 (US).

(74) **DEMONT & BREYER, LLC**; Suite 250, 100 Commons Way, Holmdel, NJ 07733 (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).

Published / Publiée : (c)

(51)⁷ **H04B 1/38, 7/00**

(11) **WO 03/096560** (13) A1

(21) PCT/US03/14578

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 60/378,698 **7 May/mai 2002** US
(07.05.2002)

(30) 60/378,908 **7 May/mai 2002** US
(07.05.2002)

(30) 60/466,535 **29 Apr/avr 2003** US
(29.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • ANTENNA ADAPTATION IN A TIME DIVISION DUPLEXING SYSTEM
• ADAPTATION D'ANTENNE DANS UN SYSTEME DE DUPLEXAGE A REPAR-TITION DANS LE TEMPS

(71) **TANTIVY COMMUNICATIONS, INC.** [US/US]; 1450 South Babcock Street, Melbourne, FL 32901 (US).

(72) **NELSON, George, R., Jr.**; 207 Sykes Loop Drive, Merritt Island, FL 32953 (US). **PROCTOR, James, A., Jr.**; 258 Sea View Street, Melbourne, FL 32951 (US). **REGNIER, John, A.**; 1621 Henley Road N.W., Palm Bay, FL 32907 (US).

(74) **THIBODEAU, David, J., Jr.** 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).

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(51)⁷ **H04B 1/40**

(11) **WO 03/096561** (13) A1

(21) PCT/JP03/05208

(22) **23 Apr/avr 2003 (23.04.2003)**

- (25) ja (26) ja
- (30) 2002-134301 **9 May/mai 2002** JP
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MOBILE COMMUNICATION APPARATUS
• APPAREIL DE COMMUNICATION MOBILE
- (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) OKADA, Shinichi [JP/JP]; 5-13-2-107, Tsunashimanishi, Kouhoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP). OKAWA, Sadao [JP/JP]; 253-3, Aza Kitashinkiri, Takashi-cho, Toyohashi-shi, Aichi 441-8156 (JP). SHINOMIYA, Masato [JP/JP]; 4-5-15-305, Tarumachi, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). MOCHIZUKI, Makoto [JP/JP]; 140-15, Shiromeguri, Kamakura-shi, Kanagawa 247-0074 (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 H04B 1/40
- (11) WO 03/096562 (13) A1
- (21) PCT/KR03/00908
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 10-2002-0025171 **8 May/mai 2002** KR
(08.05.2002)
- (30) 10-2003-0014687 **10 Mar/mar 2003** KR
(10.03.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR PLAYING INTERACTIVE CONTENTS FOR STANDBY MODE IN A MOBILE COMMUNICATION TERMINAL, AND A MOBILE COMMUNICATION TERMINAL OF THE SAME
• PROCEDE DE LECTURE DE CONTENUS INTERACTIFS EN MODE VEILLE DANS UN TERMINAL DE COMMUNICATION MOBILE, ET TERMINAL DE COMMUNICATION MOBILE UTILISANT CE PROCEDE
- (71) NEOMTEL CO., LTD. [KR/KR]; 13th Fl., Oksan Bldg., Samsung-Dong, Kangnam-Gu, Seoul 135-090 (KR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LEE, Dong-Heon [KR/KR]; 13th Fl., Oksan-Bldg., Samsung-Dong, Kangnam-Gu, Seoul 135-090 (KR). JUNG, Doo-Hee [KR/KR]; 534-1, Bisan-Dong, Dongan-Gu, Anyang, Kyungki-Do 431-050 (KR).
- (74) KIM, Do-Hyung; 23rd Fl., Asem Tower, 159-1 Samsung-Dong, Kangnam-Gu, Seoul 135-798 (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 H04B 1/44
- (11) WO 03/096563 (13) A1
- (21) PCT/DE03/01427
- (22) 5 May/mai 2003 (05.05.2003)
- (25) de (26) de
- (30) 102 21 424.7 **14 May/mai 2002** DE
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • TRANSMITTING AND RECEIVING ARRANGEMENT WITH A CHANNEL ORIENTATED LINK
• DISPOSITIF D'EMISSION-RECEPTION A LIAISON ORIENTEE CANAL
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERSEMSKY, Frank [DE/DE]; Hattinger Strasse 81, 44789 Bochum (DE). KRANZ, Christian [DE/DE]; Ina-Seidel-Strasse 111, 40885 Ratingen Lintorf (DE). POTT, Rüdiger [DE/DE]; Niederfeldstrasse 14, 46535 Dinslaken (DE). SCHMANDT, Bernd [DE/DE]; Spitzwegstrasse 14, 42329 Wuppertal (DE). WAGNER, Elmar [DE/DE]; Am Rahmer Bach 17, 47269 Duisburg (DE).
- (74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (84) EP (DE FR GB).
- Published / Publiée : (c)
-
- (51)⁷ H04B 1/707
- (11) WO 03/096564 (13) A1
- (21) PCT/DE03/01428
- (22) 5 May/mai 2003 (05.05.2003)
- (25) de (26) de
- (30) 102 20 906.5 **10 May/mai 2002** DE
(10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RAKE-DEMODULATOR WITH MULTICODE-FINGER

- DEMODULATEUR RAKE A DOIGTS MULTICODE
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BECKER, Burkhard [DE/DE]; Kolomanstrasse 8, 85737 Ismaning (DE). DREWES, Christian [DE/DE]; St.-Anna-Platz 10/3, 80538 München (DE). HAAS, Wolfgang [AT/AT]; Hagenauerstrasse 4, A-2380 Perchtoldsdorf (AT). HERNDL, Thomas [AT/AT]; Perlasgasse 65/3, A-2362 Biedermannsdorf (AT). HOFSTÄTTER, Michael [AT/AT]; Leebgasse 52/25, A-1100 Wien (AT). NIEDERHOLZ, Jürgen [DE/DE]; Hochstrasse 70, 47647 Kerken (DE). ZIMMERMANN, Manfred [DE/DE]; Schlierseestrasse 69a, 81539 München (DE).
- (74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (84) EP (DE FR GB).
- Published / Publiée : (c)
-
- (51)⁷ H04B 1/707
- (11) WO 03/096565 (13) A1
- (21) PCT/IB03/01749
- (22) 30 Apr/avr 2003 (30.04.2003)
- (25) en (26) en
- (30) 10/140,319 **7 May/mai 2002** US
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ITERATIVE CDMA PHASE AND FREQUENCY ACQUISITION
• ACQUISITION DE FREQUENCE ET DE PHASE PAR ACCES MULTIPLE PAR REPARTITION DE CODE ITERATIF
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 5621 BA Eindhoven (NL).
- (72) YUE, Lin; 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H04B 3/00, H04J 1/00, H04L 1/00

(11) WO 03/096566 (13) A1

(21) PCT/KR03/00937

(22) 12 May/mai 2003 (12.05.2003)

(25) ko (26) en

(30) 10-2002-0026253 13 May/mai 2002 KR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC FREQUENCY BANDWIDTH MATCHING AND NOISE FILTERING FOR INTERNET SERVICE OF MASTER ANTENNA TELEVISION NETWORK

• APPAREIL ET PROCEDE PUR FILTERER LE BRUIT ET ADAPTER AUTOMATIQUEMENT LA LARGEUR DE BANDE DE FREQUENCE AUX SERVICES INTERNET EN UTILISANT UN RESEAU MATV

(71) DEXTER COMMUNICATIONS, INC. [KR/KR]; 404-1 Baekhyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-420 (KR).

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

(72, 75) PARK, Sin-Yul [KR/KR]; No.2-306 Simwoo Yeonlib, 342 Seryu-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-110 (KR). CHOI, Dong-Hee [KR/KR]; No.201, 456-10 Homaesil-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-884 (KR). PARK, Kyung-Keon [KR/KR]; No.1-105 Kongwoo Apt., 334-5 Yeonghwa-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-819 (KR).

(74) LEE, Sang-Yong et al. / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (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 H04B 3/46, 7/00, H04L 1/18, H04Q 1/20, G08C 25/02

(11) WO 03/096567 (13) A1

(21) PCT/US03/14416

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,882 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR MONITORING TRANSMISSION SEQUENCE NUMBERS ASSIGNED TO PROTOCOL DATA UNITS TO DETECT AND CORRECT TRANSMISSION ERRORS

• PROCEDE DE SURVEILLANCE DES NUMEROS DE SEQUENCE DE

TRANSMISSION ATTRIBUES AUX UNITES DE DONNEES DE PROTOCOLE AFIN DE DETECTER ET DE CORRIGER LES ERREURS DE TRANSMISSION

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) TERRY, Stephen, E.; 15 Summit Avenue, Northport, NY 11768 (US). CHAO, Yi-Ju; 305 Maplewood Road, Huntington Station, NY 11746 (US). MILLER, James, M.; 18 Louisburg Square, Verona, NJ 07044 (US). SHIN, Sung-Hyuk; 1531 8th Street, Fort Lee, NJ 07024 (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).

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(25) fr (26) fr

(30) 02/05571 2 May/mai 2002 FR
(02.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TELECOMMUNICATION NETWORK ON ELECTRIC POWER TRANSMISSION LINE

• RESEAU DE COMMUNICATION SUR LIGNE DE TRANSPORT D'ELECTRICITE

(71) DEFIDEV [FR/FR]; 14, rue Vieille Forge, F-92170 Vanves (FR).

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(72, 75) LOBERT, Jean-Pierre [FR/FR]; 14, rue Vieille Forge, F-92170 Vanves (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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(21) PCT/IB03/01817

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,936 9 May/mai 2002 US
(09.05.2002)(30) 60/423,650 1 Nov/nov 2002 US
(01.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPLE LEVEL POWER CONTROL COMMAND SIGNALING

• SIGNALISATION DE COMMANDE A REGULATION DE PUISSANCE A PLUSIEURS NIVEAUX

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
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(72) LEHTINEN, Otto-Aleksanteri; 57 Main Street, Stony Brook, NY 11790 (US). PATRONEN, Petri; Huovintie 5, FIN-90630 Oulu (FI). KURJENNIEMI, Janne; Vainionkatu 18, FIN-40700 Jyväskylä (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).

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(21) PCT/IB03/01387

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/145,858 14 May/mai 2002 US
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOBILE STATION ASSISTED FORWARD LINK OPEN LOOP POWER AND RATE CONTROL IN A CDMA SYSTEM

• COMMANDE DE PUISSANCE ET DE DEBIT A BOUCLE OUVERTE POUR LIAISON AVAL ASSISTEE PAR STATION MOBILE DANS UN SYSTEME AMRC

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).

(72) **VANGHI, Vieri**; 2 Rosemont Street, La Jolla, CA 92037 (US).

(74) **BENNETT, David**; 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 **H04B 7/005, H04Q 7/30**

(11) **WO 03/096571** (13) A1

(21) PCT/SE03/00694

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(30) 0201467-8 **13 May/mai 2002 SE (13.05.2002)**

(30) 0202845-4 **23 Sep/sep 2002 SE (23.09.2002)**

(30) 10/371,199 **24 Feb/fév 2003 US (24.02.2003)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **RADIO RESOURCE MANAGEMENT FOR A HIGH SPEED SHARED CHANNEL**

• **GESTION DE RESSOURCES RADIO POUR CANAL PARTAGE GRANDE VITESSE**

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **ENGLUND, Eva**; Arbetaregatan 4A, S-582 52 Linköping (SE). **WIBERG, Niclas**; Sofielundsvägen 8, S-585 97 Linköping (SE). **AMIRIJOO, Sharokh**; Arkens Gränd 5, S-192 78 Sollentuna (SE). **VAN LIESHOUT, Gert-Jan**; Soerensweg 40, NL-7314 CG Apeldoorn (NL). **BEMING, Per**; Frejgatan 58, S-113 26 Stockholm (SE). **PARKVALL, Stefan**; Sigtunagatan 18, S-113 22 Stockholm (SE). **KARLSSON, Patrik**; Hasselbörnsvägen 59, S-138 34 Älta (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).

(51)⁷ **H04B 7/005**

(11) **WO 03/096572** (13) A2

(21) PCT/US03/10977

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

(25) en (26) en

(30) 60/379,323 **10 May/mai 2002 US (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **POWER CONTROL FOR REVERSE LINK CHANNELS**

• **COMMANDE DE PUISSANCE POUR CANAUX DE LIAISON DE RETOUR**

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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(72, 75) **FRANK, Colin** [US/US]; 729 W. Brompton # 3, Chicago, IL 60657 (US). **GHOSH, Amitava** [US/US]; 3240 Indian Creek Drive, Buffalo Grove, IL 60089 (US).

(74) **KOCH, William, E.**; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 7/06 // H04L 1/06**

(11) **WO 03/096573** (13) A1

(21) PCT/FI03/00355

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 20020880 **8 May/mai 2002 FI (08.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **DATA TRANSMISSION METHOD, AND SYSTEM**

• **PROCEDE ET SYSTEME DE TRANSMISSION 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) **HOTTINEN, Ari** [FI/FI]; Ristiniementie 4 O 30, FIN-02320 Espoo (FI). **TIRKKO-NEN, Olav** [FI/FI]; Purontiintyöpolku 5 A 6, FIN-00720 Helsinki (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 UZ VC VN YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **H04B 7/08**

(11) **WO 03/096574** (13) A1

(21) PCT/IP03/05207

(22) **23 Apr/avr 2003 (23.04.2003)**

(25) ja (26) ja

(30) 2002-134300 **9 May/mai 2002 JP (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • **MOBILE COMMUNICATION APPARATUS**

• DISPOSITIF DE COMMUNICATION MOBILE

(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) MOCHIZUKI, Makoto [JP/JP]; 140-15, Shiromeguri, Kamakura-shi, Kanagawa 247-0074 (JP). KAMIYA, Tadahisa [JP/JP]; 120, Odaka-cho, Kakegawa-shi, Shizuoka 436-0045 (JP). SHINOMIYA, Masato [JP/JP]; 4-5-15-305, Tarumachi, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0001 (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 H04B 7/185

(11) WO 03/096575 (13) A1

(21) PCT/GB03/01938

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 0211031.0 14 May/mai 2002 GB (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRIORITY-BASED CHANNEL ALLOCATION IN A SATELLITE COMMUNICATION SYSTEM

• ALLOCATION DE VOIE SUR UNE BASE PRIORITAIRE DANS UN SYSTÈME DE COMMUNICATIONS PAR SATELLITE

(71) INMARSAT LTD [GB/GB]; 99 City Road, London EC1Y 1AX (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RICHHARIA, Madhavendra [IN/GB]; c/o Inmarsat Ltd, 99 City Road, London EC1Y 1AX (GB). MUNDAY, Martin [GB/GB]; c/o Inmarsat Ltd, 99 City Road, London EC1Y 1AX (GB). BATY, Charlton [GB/GB]; c/o Inmarsat Ltd, 99 City Road, London EC1Y 1AX (GB).

(74) CROSS, James, P., A. et al. / etc.; R G C Jenkins & Co, 26 Caxton Street, London SW1H 0RJ (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 H04B 7/185, 1/60, 17/02

(11) WO 03/096576 (13) A1

(21) PCT/US03/13491

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 60/376.673 29 Apr/avr 2002 US (29.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR PROVIDING BROADBAND MOBILE ACCESS FROM GEOSTATIONARY SATELLITES TO PLATFORMS USING SMALL, LOW PROFILE ANTENNAS

• SYSTÈME PERMETTANT D'ASSURER UN ACCÈS MOBILE LARGE BANDE À PARTIR DE SATELLITES GEOSTATIONNAIRES À DES PLATES-FORMES DE PETITES ANTENNES À PROFIL BAS

(71) ETHERWARE, LLC [US/US]; 305 Briton Park Court, Duluth, GA 30097 (US).

(72) SHARON, Thomas E.; 305 Briton Park Court, Duluth, GA 30097 (US).

(74) PETTY, W., Scott; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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/JP02/04588

(22) 10 May/mai 2002 (10.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION SYSTEM, BASE STATION, AND MOBILE STATION

• SYSTÈME DE COMMUNICATION, STATION DE BASE ET STATION MOBILE

(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) NIWANO, Kazuhito [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 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 H04B 7/26

(11) WO 03/096578 (13) A1

(21) PCT/KR03/00939

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10-2002-26290 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR PROVIDING BROADCAST SERVICE IN A CDMA MOBILE COMMUNICATION SYSTEM

• PROCÉDE PERMETTANT DE FOURNIR UN SERVICE DE RADIODIFFUSION DANS UN SYSTÈME DE COMMUNICATION MOBILE AMRC

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) SONG, Jun-Hyuk; 19-1, Pyongchon-dong, Tongan-gu, Anyang-shi, 431-070 Kyonggi-do 431-070 (KR). CHANG, Yong; #403-801, Sinsung APT., Sunae-dong, Pundang-gu, Songnam-shi, Kyonggi-do 463-780 (KR). LIM, Nae-Hyun; 960-15, Taechi-dong, Kangnam-gu, Seoul 135-280 (KR).

(74) LEE, Keon-Joo; Mihwa Bldg., 110-2 Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU BR CA CN IN JP RU.

(51)⁷ H04J 1/16

(11) WO 03/096579 (13) A1

(21) PCT/US02/14202

(22) 6 May/mai 2002 (06.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR ASYNCHRONOUS TRANSFER MODE (ATM) ADAPTIVE TIME DOMAIN DUPLEX (ATDD) COMMUNICATION

• APPAREIL ET PROCÉDE POUR COMMUNICATION ADAPTATIVE EN DUPLEX DANS LE DOMAINE TEMPS (ATDD) EN MODE DE TRANSFERT ASYNCHRONE (ATM)

(71) PARADYNE CORPORATION [US/US]; P.O. Box 2826, 8545 126th Avenue, North, Largo, FL 33773 (US).

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(72, 75) BREMER, Gordon [US/US]; 1930 Cove Lane, Clearwater, FL 33773 (US). HOLMQUIST, Kurt [US/US]; 11355 Harmony Court, Largo, FL 33774 (US). CHAPMAN, Joseph [US/US]; 9040 Baywood Park Drive, Seminole, FL 33777 (US). SCOTT, Robert, E. [US/US]; 13101 113th Avenue North, Largo, FL 33774 (US).

(74) **HORSTEMEYER, Scott, A.;** Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, 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 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 H04J 3/06

(11) WO 03/096580 (13) A2

(21) PCT/US03/13812

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,901 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYNCHRONIZATION FOR EXTENDING BATTERY LIFE
• SYNCHRONISATION POUR ALLONGER LA DUREE DE VIE D'ACCUMULATEURS

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) **GOLDBERG, Steven, Jeffrey;** 1017 Chiswell Drive, Downingtown, PA 19335 (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 H04J 3/16

(11) WO 03/096581 (13) A1

(21) PCT/US03/15100

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,830 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR REDUCING TRANSMISSION-LINK ERRORS

• PROCEDE ET APPAREIL DE REDUCTION D'ERREURS DE CHAINONS DE VOIES DE TRANSMISSION

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) **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).

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(51)⁷ H04J 11/00, H04L 27/00, 1/20, H03M 13/27

(11) WO 03/096582 (13) A1

(21) PCT/JP03/05755

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134692 9 May/mai 2002 JP (09.05.2002)

(30) 2003-125033 30 Apr/avr 2003 JP (30.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECEPTION METHOD AND RECEPTION DEVICE ESTIMATING RECEPTION QUALITY AND COMMUNICATION SYSTEM USING THE RECEPTION DEVICE

• PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION EVALUANT LA QUALITE DE RECEPTION ET SYSTEME DE COMMUNICATION UTILISANT LE DISPOSITIF DE RECEPTION

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) **ABE, Katsuaki** [JP/JP]; F201, Riberu Chiyogaoka, 8-21-13, Chiyogaoka, Asao-ku, Kawasaki-shi, Kanagawa 215-0005 (JP). **ORIHASHI, Masayuki** [JP/JP]; 1-12-1-302, Futamata, Ichikawa-shi, Chiba 272-0001 (JP). **MURAKAMI, Yutaka** [JP/JP]; 201, Miyanosita Haitsu, 532-1, Kamisakunobe, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0034 (JP). **MATSUOKA, Akihiko** [JP/JP]; 2108-1-201, Kitahatsusaku-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0021 (JP). **SAKAMOTO, Takenori** [JP/JP];

3-33-17, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0015 (JP).

(74) **ZOGO, Masahiro et al. / etc.;** Shuwa Kioicho TBR Building, 7 Kojimachi 5-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 H04J 14/02

(11) WO 03/096583 (13) A1

(21) PCT/IL03/00370

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/140,757 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR TUNABLE FREQUENCY SELECTIVE FILTERING OF OPTICAL SIGNALS

• PROCEDE ET DISPOSITIF DE FILTRATION SELECTIVE DE FREQUENCE SYNTONISABLE DE SIGNAUX OPTIQUES

(71) **LAMBDA CROSSING LTD.** [IL/IL]; 3 Shoham Street, North Industrial Park, P.O.Box 3028, 38900 Caesaria (IL).
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(72, 75) **MARGALIT, Moti** [IL/IL]; 21 Hashita Street, 30900 Zichron Yaaqov (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 H04J 14/06, H04B 10/135

(11) WO 03/096584 (13) A1

(21) PCT/DE03/01446

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 929.4 10 May/mai 2002 DE (10.05.2002)

(30) 102 42 915.4 **16 Sep/sep 2002** DE
(16.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND ARRANGEMENT FOR REDUCING THE SIGNAL DEGRADATION IN AN OPTICAL POLARISATION-MULTIPLEX SIGNAL

• PROCEDE ET DISPOSITIF POUR LIMITER LA DEGRADATION DE SIGNAL D'UN SIGNAL MULTIPLEXE EN POLARISATION OPTIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) GOTTWALD, Erich [DE/DE]; Josef-Kammerloher-Strasse 18, 83607 Holzkirchen (DE). HECKER, Nancy [US/DE]; Freibadstrasse 15 Eg, 81543 München (DE). PAETSCH, Werner [DE/DE]; Noestrass 7, 81479 München (DE). SCHAIRER, Wolfgang [DE/DE]; Plantagenweg 33, 85354 Freising (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 US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ H04K 1/00

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(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 60/377,652 **6 May/mai 2002** US
(06.05.2002)

(30) 60/377,648 **6 May/mai 2002** US
(06.05.2002)

(30) 60/394,652 **10 Jul/juil 2002** US
(10.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR DIGITAL RIGHTS MANAGEMENT AND DIGITAL SIGNATURES

• PROCEDE ET SYSTEME DE GESTION DE DROITS NUMERIQUES ET DE SIGNATURES NUMERIQUES

(71) BENTLEY SYSTEMS, INC. [US/US]; 685 Stockton Drive, Exton, PA 19341 (US).

(72) BENTLEY, Keith; 100 Morningside Drive, Elverson, PA 19520 (US). WILSON, Samuel; 809 Williamsburg Boulevard, Downingtown, PA 19335 (US). RAHNIS, David; 18824 Graystone Road, White Hall, MD 21161 (US). GOODING, John; 5 Traiber Lane, #1, Silver City, PA 19475 (US).

(74) BURDETT, James, R. et al. / etc.; VENABLE, BAETIER, HOWARD & CIVILETTI, LLP, P.O. Box 34385, 1201 New York 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 UZ VC VN YU ZA ZM ZW.

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

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(21) PCT/DE03/01539

(22) 13 May/mai 2003 (13.05.2003)

(25) de (26) de

(30) 102 21 529.4 **14 May/mai 2002** DE
(14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR EFFECTING THE CONTROLLED SHUTDOWN OF DATA PROCESSING UNITS

• PROCEDE DE DECONNEXION REGULEE D'UNITES DE TRAITEMENT DE DONNEES

(71) PHILIPS SEMICONDUCTORS DRESDEN AG [DE/DE]; Am Waldschlösschen 1, 01099 Dresden (DE).

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

(72, 75) DRESCHER, Wolfram [DE/DE]; Alaunplatz 2, 01099 Dresden (DE).

(74) ADLER, Peter; Patentanwälte Lippert, Stachow, Schmidt & Partner, Krenkelstrasse 3, 01309 Dresden (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 H04L

(11) WO 03/096587 (13) A2

(21) PCT/US02/33820

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/001,618 **23 Oct/oct 2001** US
(23.10.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR LOCALIZING TARGETS USING MULTIPLE ARRAYS

• SYSTEME ET PROCEDE POUR LOCALISER DES CIBLES EN UTILISANT DES RESEAUX MULTIPLES

(71) LOCKHEED MARTIN CORPORATION [US/US]; P.O. Box 4847, EP-7 RM-123 MD 44, Syracuse, NY 13221 (US).

(72) BARNARD, Thomas, J.; 7650 Wild Turkey, Liverpool, NY 13090 (US). WINFIELD, Donald, W.; 104 West Way, Camillus, NY 13031 (US).

(74) DUANE MORRIS LLP; 100 College Road West, Suite 100, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 H04L

(11) WO 03/096588 (13) A2

(21) PCT/US03/11619

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 60/372,655 **15 Apr/avr 2002** US
(15.04.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR EXTENDING MOBILE IP

• PROCEDES ET APPAREIL D'EXTENSION D'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, 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).

- (51)⁷ H04L
(11) WO 03/096589 (13) A2
(21) PCT/US03/13643
(22) 1 May/mai 2003 (01.05.2003)
(25) en (26) en
(30) 60/379,196 9 May/mai 2002 US (09.05.2002)
(30) 10/335,359 31 Dec/déc 2002 US (31.12.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD AND APPARATUS FOR PARALLEL MIDAMBLE CANCELLATION
• PROCEDE ET APPAREIL D'ANNULATION DE $\leq$ MIDAMBLE $\geq$ PARALLELE
(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
(72) BUCHERT, Ryan; 51 Flintlock Lane, Phoenixville, PA 19460 (US). NASUTI, Tonino; 907 Kennedy Court, Norristown, PA 19403 (US). TIMMERMAN, Chayil, S.; 13 Montgomery Drive, Harleysville, PA 19438 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096590 (13) A2
(21) PCT/US03/13904
(22) 6 May/mai 2003 (06.05.2003)
(25) en (26) en
(30) 60/378,196 6 May/mai 2002 US (06.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHOD AND SYSTEM OF CHANNEL ANALYSIS AND CARRIER SELECTION IN OFDM AND MULTI-CARRIER SYSTEMS
• PROCEDE ET SYSTEME D'ANALYSE DE CANAL ET DE SELECTION DE PORTEUSE DANS DES SYSTEMES A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM) ET A PORTEUSES MULTIPLES
(71) ENIKIA LLC [US/US]; 948 U.S. Highway #22 East, North Plainfield, NJ 07060 (US).
(72) LOGVINOV, Oleg; 27 Beacon Hill Drive, East Brunswick, NJ 08816 (US). DURFEE,

- Lawrence, F.; 85 Lenape Trail, Washington, NJ 07882 (US). WALVIS, Dick J.M.; 214 Calcita Drive, Santa Cruz, CA 95060 (US).
(74) HILDEBRAND, Christa; Norris, McLaughlin & Marcus PA, 220 East 42nd Street - 30th, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096591 (13) A2
(21) PCT/US03/13949
(22) 5 May/mai 2003 (05.05.2003)
(25) en (26) en
(30) 10/141,370 8 May/mai 2002 US (08.05.2002)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • ETHERNET WIDE AREA NETWORK AND METHOD
• RESEAU ETENDU ETHERNET ET PROCEDE
(71) SBC TECHNOLOGY RESOURCES, INC. [US/US]; 9505 Arboretum Boulevard, Austin, TX 78759 (US).
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(72, 75) CHANG, Frederick, Robert [US/US]; 3708 Woodcutters Way, Austin, TX 78746 (US). CHUNG, Soon, Shih [US/US]; 7635 Quail Creek Circle, Dublin, CA 94568 (US).
(74) HALLING, Dale, B.; 24 South Weber Street, Suite 311, Colorado Springs, CO 80903 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK 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 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
(11) WO 03/096592 (13) A2
(21) PCT/US03/14338
(22) 7 May/mai 2003 (07.05.2003)
(25) en (26) en
(30) 60/378,404 7 May/mai 2002 US (07.05.2002)

- (30) 10/357,265 3 Feb/fév 2003 US (03.02.2003)
(43) 20 Nov/nov 2003 (20.11.2003)
(54) • METHODS AND APPARATUS FOR AGGREGATING MIP AND AAA MESSAGES
• PROCEDES ET APPAREIL DE REGROUPEMENT DE MESSAGES MIP ET AAA
(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/US]; 184 Military Road, Henley Beach, S.A. 5022 (AU).
(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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 03/096593 (13) A2
(21) PCT/US03/14441
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
(30) 60/379,867 10 May/mai 2002 US (10.05.2002)
(30) 10/356,144 30 Jan/jan 2003 US (30.01.2003)
(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WIRELESS COMMUNICATION USING SOUND

• COMMUNICATION RADIO A L'AIDE DE SONS

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) STEENTRA, Jack; 9208 Fostoria Court, San Diego, CA 92127 (US). JALALI, Ahmad; 5624 Willowmere Lane, 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 H04L

(11) WO 03/096594 (13) A2

(21) PCT/US03/14442

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,958 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HANDOVER IN A HYBRID COMMUNICATIONS NETWORK

• TRANSFERT DANS UN RESEAU DE COMMUNICATION HYBRIDE

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) RIMONI, Yoram; Keren Hayesod 10, 34970 Haifa (IL). GREEN, Michael; 9 Yafe Nof Street, Zichron Yaakov (IL).

(74) MINHAS, Sandip S.; 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

(11) WO 03/096595 (13) A2

(21) PCT/US03/14488

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/379,073 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF MAKING SECURE PERSONAL DATA CARD

• PROCEDE DE FABRICATION D'UNE CARTE SECURISEE CONTENANT DES DONNEES PERSONNELLES

(71) DREXLER TECHNOLOGY CORPORATION [US/US]; 1077 Independence Avenue, Mountain View, CA 94043 (US).

(72) HADDOCK, Richard, M.; 703 Vernal Way, Redwood City, CA 94062 (US).

(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 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 H04L

(11) WO 03/096596 (13) A2

(21) PCT/US03/15054

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/378,033 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EQUIPMENT CONTROL SYSTEM AND METHODS FOR ITS USE

• SYSTEME DE COMMANDE DE MATERIEL ET SES PROCEDES D'UTILISATION

(71) ROBOTIC CRANES, LP [US/US]; 1003 Wirt Road, Houston, TX 77055-6864 (US).

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(72, 75) PRESSWOOD, Ronald, Gustav, Jr. [US/US]; 807 Saybrook Lane, Houston, TX 77024-4505 (US). THOMPSON, Clark, James [US/US]; 7 Songbird Lane, Rosharon, TX 77583 (US).

(74) STROZIER, Robert, W.; P.O. Box 429, Houston, TX 77402.0429 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096597 (13) A1

(21) PCT/CN02/00324

(22) 10 May/mai 2002 (10.05.2002)

(25) zh (26) zh

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD AND DEVICE FOR INNER INTERLEAVE IN SERIAL CONCATENATED CONVOLUTIONAL CODE

• PROCEDE ET DISPOSITIF D'ENTRE-LACEMENT INTERNE DANS UN CODE DE CONVOLUTION CONCATENE EN SERIE

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

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(72, 75) LI, Yi [CN/CN]; Room 908 Sino-trans Plaza, B.#A43 North Xizhimen Rd., Beijing 100044 (CN). ZHANG, Yong-sheng [CN/CN]; Room 908 Sino-trans 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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 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 H04L 1/00, 1/24, 1/18

(11) WO 03/096598 (13) A1

(21) PCT/US03/15198

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/145,430 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD TO CHECK COMMUNICATION LINK RELIABILITY

• PROCEDE PERMETTANT DE CONTROLER LA FIABILITE DE LIAISONS DE COMMUNICATIONS

(71) **QUALCOMM, INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego,
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(72) **MALLADI, Durga, P.**; 11983 Briarleaf
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Diego, CA 92109 (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) **H04L 1/06, 1/00, 25/03, 25/02**

(11) **WO 03/096599** (13) A1

(21) PCT/EP03/04759

(22) **6 May/mai 2003 (06.05.2003)**

(25) de (26) de

(30) 102 20 892.1 **10 May/mai 2002 DE**
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DIVERSITY METHOD AND DEVICE
• PROCÉDÉ DE DIVERSITÉ ET DISPO-
SITIF

(71) **FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V.** [DE/DE]; Leonrod-
strasse 54, 80636 München (DE).
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(72, 75) **BREILING, Marco** [DE/DE]; Ritzer-
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04288 Leipzig (DE). **HUBER, Johannes, B.**
[DE/DE]; Waldstr. 1c, 91094 Langensendel-
bach (DE). **EBERLEIN, Ernst** [DE/DE];
Waldstr. 28b, 91091 Grossenseebach (DE).

(74) **SCHOPPE, Fritz** et al. / etc.; Schoppe, Zim-
mermann, Stöckeler & Zinkler, Postfach 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 RO SE SI SK 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 1/18**

(11) **WO 03/096600** (13) A1

(21) PCT/US03/15201

(22) **13 May/mai 2003 (13.05.2003)**

(25) en (26) en

(30) 60/380,408 **13 May/mai 2002 US**
(13.05.2002)

(30) 10/176,353 **19 Jun/juin 2002 US**
(19.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMPROVED DATA DELIVERY IN CON-
JUNCTION WITH A HYBRID AUTO-
MATIC RETRANSMISSION MECHA-
NISM IN CDMA COMMUNICATION
SYSTEMS
• DELIVRANCE DE DONNEES AME-
LIOREE DANS UN MECANISME DE
RETRANSMISSION AUTOMATIQUE
HYBRIDE DANS DES SYSTEMES DE
COMMUNICATION CDMA

(71) **QUALCOMM INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).

(72) **VAYANOS, Alkinoos, Hector**; 1037 Dia-
mond Street, San Diego, CA 92109 (US).
MALLADI, Durga; 11983 Briarleaf Way,
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Duncan; 11559 Trailbrook Lane, San Diego,
CA 92128 (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 **H04L 1/20, 1/24**

(11) **WO 03/096601** (13) A1

(21) PCT/EP03/00970

(22) **31 Jan/jan 2003 (31.01.2003)**

(25) en (26) en

(30) 02010465.9 **8 May/mai 2002 EP**
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR TESTING THE ERROR
RATION OF A DEVICE USING A PRE-
LIMINARY PROBABILITY
• METHODE POUR TESTER LE TAUX
D'ERREUR BINAIRE D'UN DISPO-
SITIF AU MOYEN DE LA PROBABILITE
PRELIMINAIRE

(71) **ROHDE & SCHWARZ GMBH & CO.**
KG [DE/DE]; Mühldorfstrasse 15, 81671
München (DE).

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les États désignés sauf US)

(72, 75) **MAUCKSCH, Thomas** [DE/DE];
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(DE). **BÄDER, Uwe** [DE/DE]; Rubensstrasse
11, 85521 Ottobrunn (DE).

(74) **KÖRFER, Thomas**; Mitscherlich & Partner,
Sonnenstrasse 33, 80331 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).

(51)⁷ **H04L 5/20**

(11) **WO 03/096602** (13) A1

(21) PCT/DE03/01308

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) de (26) de

(30) 102 20 765.8 **8 May/mai 2002 DE**
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR SIGNAL
TRANSMISSION BY PHANTOM CIR-
CUIT
• PROCEDE ET DISPOSITIF DE TRANS-
MISSION DE SIGNAUX PAR CIRCUIT
FANTOME

(71) **ROBERT BOSCH GMBH** [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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les États désignés sauf US)

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

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

(51) **H04L 9/00**

(11) **WO 03/096603** (13) A1

(21) PCT/IB03/01655

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(30) 60/377,965 **7 May/mai 2002 US**
(07.05.2002)

(30) 10/345,418 **16 Jan/jan 2003 US**
(16.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND COMMUNICATION
SYSTEM FOR CONTROLLING SECU-
RITY ASSOCIATION LIFETIME

- PROCEDE ET SYSTEME DE COMMUNICATION POUR COMMANDER LA DUREE D'UNE ASSOCIATION DE SECURITE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 76039 (US).
(only for / seulement pour LC)

(72) **BAJKO, Gabor**; 1214 Budapest, Rezeda u.8. (HU). **HAUKKA, Tao**; Taskilantie 18, FIN-90580 Oulu (FI).

(74) **BRUNDIDGE, Carl, I.**; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H04L 9/00

(11) **WO 03/096604** (13) A1

(21) PCT/US02/14247

(22) **6 May/mai 2002 (06.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION DEVICE AND METHOD FOR USING NON-SELF-SYNCHRONIZING SCRAMBLING IN A COMMUNICATION SYSTEM

- DISPOSITIF ET PROCEDE DE COMMUNICATIONS UTILISANT UN BROUILLAGE SANS AUTO-SYNCHRONISATION DANS UN SYSTEME DE COMMUNICATIONS

(71) **PARADYNE CORPORATION** [US/US]; P.O.Box 2826, 8545 126th Avenue, North, Largo, FL 33773 (US).

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(72, 75) **BETTS, William, L.** [US/US]; 2016 Montana Avenue, St. Petersburg, FL 33703 (US). **BREMER, Gordon** [US/US]; 1930 Cove Lane, Clearwater, FL 33764 (US). **HOLMQUIST, Kurt** [US/US]; 11355 Harmony Court, Largo, FL 33774 (US).

(74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeier & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, 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 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 9/00

(11) **WO 03/096605** (13) A1

(21) PCT/US03/13995

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 10/139,448 **6 May/mai 2002 (06.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HAND-HELD DEVICE FORGOTTEN PASSWORD NOTIFICATION

- NOTIFICATION D'OUBLI DU MOT DE PASSE D'UN DISPOSITIF PORTABLE

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46 Quai A. Le Gallo, F-92648 Boulogne (FR).
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(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).

(51)⁷ H04L 9/00

(11) **WO 03/096606** (13) A1

(21) PCT/US03/14322

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/143,145 **10 May/mai 2002 (10.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SECURE MOBILE AD-HOC NETWORK AND RELATED METHODS

- RESEAU AD HOC MOBILE SECURISE ET PROCEDES ASSOCIES

(71) **HARRIS CORPORATION** [US/US]; 1025 W. Nasa Blvd., Melbourne, FL 32919 (US).

(72) **BILLHARTZ, Thomas, Jay**; 2355 Polonius Lane, Melbourne, FL 32934 (US). **FLEMING, Frank, Joseph**; 601 Morning Cove Circle, Palm Bay, FL 32909 (US).

(74) **YATSKO, Michael, S. et al. / etc.**; Harris Corporation, 1025 W. Nasa Blvd, Melbourne, FL 32919 (US).

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

(11) **WO 03/096607** (13) A1

(21) PCT/US03/15023

(22) **12 May/mai 2003 (12.05.2003)**

(25) en (26) en

(30) 10/145,592 **13 May/mai 2002 (13.05.2002)** US

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMPUTER IMMUNE SYSTEM FOR DETECTING UNWANTED CODE USING A VIRTUAL MACHINE

- SYSTEME INFORMATIQUE PROTEGE POUR LA DETECTION DE CODE PARASITE AU MOYEN D'UN SYSTEME VIRTUEL

(71) **VCIS, INC.** [US/US]; 45419 Littlefoot Place, Fremont, CA 94539-6693 (US).

(72) **VAN DER MADE, Peter A.J.**; 201 Barrenjoey Road, Newport Beach, New South Wales NSW 2106 (AU).

(74) **PETTY, W. Scott**; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 9/08, 9/14, H04N 11/00, 7/167

(11) **WO 03/096608** (13) A1

(21) PCT/IP03/05676

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-135039 **10 May/mai 2002 (10.05.2002)** JP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA TRANSMISSION METHOD AND DATA TRANSMISSION DEVICE

• PROCEDE DE TRANSMISSION DE
DONNEES ET DISPOSITIF DE TRANS-
MISSION DE DONNEES

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP).

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(72, 75) **ITO, Yujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). **SHIMOSATO, Tsutomu** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP).

(74) **KAMBARA, Sadaaki**; Kambara & Associates, Saginuma Center Bldg., 2-6, Saginuma 3-Chome, Miyamae-ku, Kawasaki-Shi, Kanagawa 216-0004 (JP).

(81) CN JP US.

(84) EP (DE GB).

(51)⁷ H04L 9/08

(11) **WO 03/096609** (13) A1

(21) PCT/JP03/05677

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-135044 **10 May/mai 2002 JP (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENCRYPTION DEVICE AND DECRYPTION DEVICE

• DISPOSITIF DE CHIFFREMENT ET DISPOSITIF DE DECHIFFREMENT

(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) **SHIMOSATO, Tsutomu** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). **ITO, Yujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP).

(74) **KAMBARA, Sadaaki**; Kambara & Associates, Saginuma Center Bldg., 2-6, Saginuma 3-Chome, Miyamae-ku, Kawasaki-Shi, Kanagawa 216-0004 (JP).

(81) JP US.

(84) EP (DE GB).

(51)⁷ H04L 9/08

(11) **WO 03/096610** (13) A1

(21) PCT/JP03/05678

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-135079 **10 May/mai 2002 JP (10.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENCRYPTION DEVICE AND DECRYPTION DEVICE

• DISPOSITIF DE CHIFFREMENT ET DISPOSITIF DE DECHIFFREMENT

(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) **SHIMOSATO, Tsutomu** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). **ITO, Yujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP).

(74) **KAMBARA, Sadaaki**; Kambara & Associates, Saginuma Center Bldg., 2-6, Saginuma 3-Chome, Miyamae-ku, Kawasaki-Shi, Kanagawa 216-0004 (JP).

(81) JP US.

(84) EP (DE GB).

(51)⁷ H04L 9/08, G09C 1/00, G06F 7/58

(11) **WO 03/096611** (13) A1

(21) PCT/JP03/05679

(22) **7 May/mai 2003 (07.05.2003)**

(25) ja (26) ja

(30) 2002-135092 **10 May/mai 2002 JP (10.05.2002)**

(30) 2002-173523 **14 Jun/juin 2002 JP (14.06.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA ENCRYPTION/DECRYPTION METHOD, AND DEVICE

• PROCEDE ET DISPOSITIF DE CHIFFREMENT/DECHIFFREMENT DE DONNEES

(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) **SHIMOSATO, Tsutomu** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). **ITO, Yujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP).

(74) **KAMBARA, Sadaaki**; Kambara & Associates, Saginuma Center Bldg., 2-6, Saginuma 3-Chome, Miyamae-ku, Kawasaki-Shi, Kanagawa 216-0004 (JP).

(81) US.

(84) EP (DE FR GB).

(51)⁷ H04L 9/14, 9/10, 12/22, 12/46

(11) **WO 03/096612** (13) A1

(21) PCT/JP03/05265

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) ja (26) ja

(30) 2002-134680 **9 May/mai 2002 JP (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ENCRYPTION DEVICE, ENCRYPTION METHOD, AND ENCRYPTION SYSTEM

• DISPOSITIF, PROCEDE ET SYSTEME DE CRYPTAGE

(71) **NIIGATA SEIMITSU CO., LTD.** [JP/JP]; 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP). **MICRO RESEARCH LABORATORY, INC.** [JP/JP]; 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP).

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

(72, 75) **IZAWA, Makoto** [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). **NARITA, Hiromitsu** [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). **OKAMOTO, Akira** [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP).

(74) **TACHIBANA, Kazuyuki**; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H04L 9/14, 9/10, 12/22, 12/46

(11) **WO 03/096613** (13) A1

(21) PCT/JP03/05266

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) ja (26) ja

(30) 2002-134681 **9 May/mai 2002 JP (09.05.2002)**

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CENTRALIZED ENCRYPTION MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE CODAGE CENTRALISE

(71) **NIIGATA SEIMITSU CO., LTD.** [JP/JP]; 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP). **MICRO RESEARCH LABORATORY, INC.** [JP/JP]; 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP).

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

(72, 75) **IZAWA, Makoto** [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). **NARITA, Hiromitsu** [JP/JP]; C/O MICRO RESEARCH LABORATORY, INC., 2-2-5, Minami Shinagawa, Shinagawa-ku, Tokyo 140-0004 (JP). **OKAMOTO, Akira** [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP).

(74) **TACHIBANA, Kazuyuki**; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H04L 9/22, 9/00, G06F 17/00

(11) **WO 03/096614** (13) A1

(21) PCT/US03/14324

(22) **7 May/mai 2003 (07.05.2003)**

(25) en (26) en

(30) 10/143,153 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SECURE WIRELESS LOCAL OR METROPOLITAN AREA NETWORK AND RELATED METHODS

• RESEAU LOCAL OU METROPOLITAIN SANS FIL SECURISE ET PROCEDES S'Y RAPPORTANT

(71) HARRIS CORPORATION [US/US]; 1025 W. NASA Blvd., Melbourne, FL 32919 (US).

(72) BILLHARTZ, Thomas, Jay; 2355 Polonius Lane, Melbourne, FL 32934 (US). FLEMING, Frank, Joseph; 601 Morning Cove Circle, Palm Bay, FL 32909 (US).

(74) YATSKO, Michael, S.; Harris Corporation, 1025 W. NASA Blvd., Melbourne, FL 32919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H04L 9/32, H04Q 7/22, 7/32

(11) WO 03/096615 (13) A1

(21) PCT/AU03/00535

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) PS 2170 **7 May/mai 2002** AU
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR AUTHENTICATING AND VERIFYING SMS COMMUNICATIONS

• PROCEDE D'AUTENTIFICATION ET DE VERIFICATION DE COMMUNICATIONS PAR SMS

(71) WIRELESS APPLICATOINS PTY LTD [AU/AU]; 12-14 Marine Parade, Southport QLD 4215 (AU).

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

(72, 75) TAN, Clarence, Nyap, Watt [MY/AU]; 112 Camberwell Circuit, Robina QLD 4226 (AU).

(74) BUCK, Michael, A.; Eagar Newcomb & Buck Patent and Trade Mark, Attorneys, PO Box 509, Spring Hill QLD 4004 (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 H04L 9/32

(11) WO 03/096616 (13) A1

(21) PCT/JP03/04684

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 2002-134647 **9 May/mai 2002** JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PUBLIC KEY CERTIFICATE REVOCATION LIST GENERATION APPARATUS, REVOCATION JUDGEMENT APPARATUS, AND AUTHENTICATION SYSTEM

• APPAREIL GENERATEUR DE LISTE DE REVOCATION DE CERTIFICATS DE CLES PUBLIQUES, APPAREIL D'EVALUATION DE REVOCATION ET SYSTEME D'AUTENTIFICATION

(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, Natsuzukuri, 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 01/18, G08C 25/02

(11) WO 03/096617 (13) A2

(21) PCT/US03/14412

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,829 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR PRIORITIZATION OF RETRANSMISSION OF PROTOCOL DATA UNITS TO ASSIST RADIO-LINK-CONTROL RETRANSMISSION

• SYSTEME ET PROCEDE DE PRIORITISATION DE LA RETRANSMISSION DES UNITES DE DONNEES DE PROTOCOLE UTILISES POUR CONTRIBUER A LA RETRANSMISSION AVEC COMMANDE DES LIAISONS RADIO

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) TERRY, Stephen, E.; 15 Summit Avenue, Northport, NY 11768 (US). CHAO, Yi-Ju; 305 Maplewood Road, Huntington Station, NY 11746 (US). 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 H04L 12/00

(11) WO 03/096618 (13) A2

(21) PCT/US03/13774

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/142,668 **9 May/mai 2002** US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SYSTEM AND METHOD FOR DISCOVERY AND REMOTE CONTROL OF COMPUTERS

• SYSTEME ET PROCEDE DE RECHERCHE ET DE COMMANDE A DISTANCE D'ORDINATEURS

(71) PACE MICRO TECHNOLOGY AMERICAS [US/US]; 3701 FAU Boulevard, Suite 200, Boca Raton, FL 33431 (US).

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

(72, 75) LINDEN DE CARMO [US/US]; 10467 NW 3rd Street, Plantation, FL 33431 (US).

(74) SILBERMAN, Gregory et al. / etc.; KAYE SCHOLER LLP, 425 Park Avenue, New York, NY 10022-3598 (US).

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

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

NL PT 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 12/00, G06F 12/00

(11) WO 03/096619 (13) A1

(21) PCT/US03/14231

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/144,008 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NETWORK ADDRESS ASSIGNMENT IN A PASSIVE OPTICAL NETWORK

• ATTRIBUTION D'UNE ADRESSE RE-SEAU DANS UN RESEAU OPTIQUE PASSIF

(71) OPTICAL SOLUTIONS, INC. [US/US]; Suite 300, 16305 36th Ave. N., Minneapolis, MN 55446-2698 (US).

(72) KOCH, Christopher, D.; 5215 Abbott Ave. S., Minneapolis, MN 55410 (US). JOHNSON, Milton, J.; 18005 Jacquard Path, Lakeville, MN 55044 (US).

(74) SHUMAKER, Steven, J.; Shumaker & Siefert, P.A., 8425 Seasons Parkway, Suite 105, Saint Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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) EP (AT BE 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 12/20

(11) WO 03/096620 (13) A1

(21) PCT/KR02/01877

(22) 8 Oct/oct 2002 (08.10.2002)

(25) ko (26) en

(30) 2002/26499 14 May/mai 2002 KR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • INVERSE MULTIPLEXING SYSTEM OVER ETHERNET AND METHOD OF USING THE SAME

• SYSTEME DE MULTIPLEXAGE INVERSE SUR ETHERNET ET SON PROCEDE D'UTILISATION

(71) CORECESS INC. [KR/KR]; 997-4 Daechi-dong, Kangnam-ku, Seoul 135-280 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HUR, Gui, Young [KR/KR]; 141-1303 Park Seo-an, Soonae-dong, Boondang-gu, Sungnam-si, Gyeonggi-do, 463-020 (KR).

(74) KIM, Jong, Su; Suite 201, Dasung Building, 735-34 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AU BR CA CN IN JP MX 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 H04L 12/24

(11) WO 03/096621 (13) A1

(21) PCT/GB03/01707

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/143,149 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NETWORK ATTACHED STORAGE SNMP SINGLE SYSTEM IMAGE

• IMAGE DE SYSTEME UNIQUE SNMP DE STOCKAGE RATTACHE A UN RE-SEAU

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB). *(only for / seulement pour MG)*

(72) CHELLAM, Sudhakar; 5302 Penrith Drive, Apt.F, Durham, NC 27713 (US). KANDEFER, Florian; 8317 Harps Mill Road, Raleigh, NC 27615 (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 H04L 12/26

(11) WO 03/096622 (13) A1

(21) PCT/GB03/01835

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 0210298.6 7 May/mai 2002 GB (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MONITORING THE STATE OF A COMMUNICATIONS NETWORK

• CONTROLE DE L'ETAT D'UN RESEAU DE COMMUNICATION

(71) MARCONIUK INTELLECTUAL PROPERTY 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) WEEKS, Robert, Anthony [GB/GB]; 7 Saxon Meadows, Leamington Spa, Warwickshire CV32 6BY (GB). ORMSHAW, Ian, John [GB/GB]; 15 Poulton Crescent, Woolstan, Warrington WA1 4QW (GB). BROTHERTON, Neil [GB/GB]; 65 Palmerston Road, Earlsdon, Coventry CV5 6FH (GB).

(74) CARDUS, Alan, Peter; Marconi Intellectual Property, Marrable House, The Vineyards, Great Baddow, Chelmsford, Essex 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 12/46

(11) WO 03/096623 (13) A1

(21) PCT/CA03/00660

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 10/140,629 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LOCAL AREA NETWORK WITH WIRELESS CLIENT FREEDOM OF MOVEMENT

• RESEAU LOCAL DANS LEQUEL LES CLIENTS SANS FIL PEUVENT SE DEPLACER LIBREMENT

(71) SIEMENS CANADA LIMITED [CA/CA]; 2185 Derry Road West, Mississauga, Ontario L5N 7A6 (CA).

(72) EGLIN, Matthew, George; 401 Third Avenue, Ottawa, Ontario K1S 2K6 (CA).

(74) MACRAE & CO.; P.O. Box 806, Station B, Ottawa, Ontario K1P 5T4 (CA).

(81) AU CA 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).

Published / Publiée : (c)

(51)⁷ H04L 12/28

(11) WO 03/096624 (13) A1

(21) PCT/GB03/01766

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 0210862.9 11 May/mai 2002 GB (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF INSERTING A COMMUNICATIONS MODULE INTO A WIRELESS COMMUNICATION SYSTEM

• PROCEDE D'INSERTION D'UN MODULE DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) CEDARDELL LIMITED [GB/GB]; Warden End, Low Warden, Hexham, Northumberland NE46 5SN (GB).

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

(72, 75) **TODD, Robert, Edmund** [GB/GB]; 38 Broadway, Blyth, Northumberland NE24 2PP (GB).

(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).

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(51)⁷ H04L 12/28

(11) WO 03/096625 (13) A1

(21) PCT/GB03/01770

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 0210857.9 11 May/mai 2002 GB (11.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUTOMATIC INSTALLATION PROCESS FOR WIRELESS COMMUNICATION SYSTEM

• PROCEDE D'INSTALLATION AUTOMATIQUE D'UN SYSTEME DE COMMUNICATION SANS FIL

(71) **CEDARDELL LIMITED** [GB/GB]; Wardens End, Low Warden, Hexham, Northumberland NE46 5SN (GB).

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

(72, 75) **TODD, Robert, Edmund** [GB/GB]; 38 Broadway, Blyth, Northumberland NE24 2PP (GB).

(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).

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(51)⁷ H04L 12/28, 12/56

(11) WO 03/096626 (13) A1

(21) PCT/GB03/01910

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/141,148 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BANDWIDTH MANAGEMENT IN A WIRELESS NETWORK

• GESTION DE LARGEUR DE BANDE DANS UN RESEAU SANS FIL

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72) **CROMER, Daryl, Carvis**; 206 Haley House Lane, Apex, NC 27502 (US). **JAKES, Philip, John**; 4303 Thetford Road, Durham, NC 27707 (US). **LOCKER, Howard, Jeffrey**; 103 Paladin Place, Cary, NC 27513 (US).

(74) **MOSS, Robert, Douglas**; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096627 (13) A1

(21) PCT/JP03/02276

(22) 27 Feb/fév 2003 (27.02.2003)

(25) ja (26) ja

(30) 2002-133303 8 May/mai 2002 JP (08.05.2002)

(30) 2002-198003 5 Jul/juil 2002 JP (05.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION MANAGEMENT METHOD, CONTROL STATION, COMMUNICATION STATION, COMMUNICATION MANAGEMENT PROGRAM, AND RECORDING MEDIUM CONTAINING THE COMMUNICATION MANAGEMENT PROGRAM

• PROCEDE DE GESTION DE COMMUNICATION, STATION DE CONTROLE, STATION DE COMMUNICATION, PROGRAMME DE GESTION DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT CONTENANT CE PROGRAMME DE GESTION DE COMMUNICATION

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaika-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

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

(72, 75) **FUJII, Hidekazu** [JP/JP]; 2613-1-838, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP). **OHTANI, Yoshihiro** [JP/JP]; 3-1-2-301, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP). **AZUMA, Hitoshi** [JP/JP]; 1366-26, Yanagimoto-cho, Tenri-shi, Nara 632-0052 (JP). **NISHIKAWA, Akira** [JP/JP]; 2613-1-568, Ichinomoto-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 03/096628 (13) A1

(21) PCT/KR02/02250

(22) 29 Nov/nov 2002 (29.11.2002)

(25) en (26) en

(30) 2002/26571 14 May/mai 2002 KR (14.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ROAMING METHOD BETWEEN WIRELESS LOCAL AREA NETWORK AND CELLULAR NETWORK

• PROCEDE D'ITINERANCE ENTRE UN RESEAU LOCAL SANS FIL ET UN RESEAU CELLULAIRE

(71) **SK TELECOM CO., LTD.** [KR/KR]; 99, Seorin-dong, Jongro-gu, 110-110 Seoul (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIN, Yong-Sik** [KR/KR]; #507-207 Deungchon Jookong Apt., Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR). **RYU, Si-Hoon** [KR/KR]; #108-906, Cachi Sunkyoung Apt., Gumi-dong, Bundang-gu, Seongnam-si, 463-500 Gyeonggi-do (KR). **LEE, Dong-Hahk** [KR/KR]; #809-1101, Jinheung Apt., Imae-chon, Imae-dong, Bundang-gu, Seongnam-si, 463-904 Gyeonggi-do (KR).

(74) **KIM, Seong-Nam et al.** / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 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 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 H04L 12/28, 12/66, H04N 1/00

(11) WO 03/096629 (13) A1

(21) PCT/US03/14425

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,998 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR MODEM RELAY TERMINATION

• PROCEDE ET DISPOSITIF DE TERMINAISON DE RELAIS MODEM

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134 (US).

(72) GROVE, Vincent, T.; 701 Barretts Mill Road, Concord, MA 01742 (US). WILD-FEUER, Herbert, M.; 3107 Lucinda Lane, Santa Barbara, CA 93105 (US). GARAKANI, Mehryar, K.; 1510 Heather Oaks Lane, Westlake Village, CA 91361 (US).

(74) THIBODEAU, David, J., Jr. 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 H04L 12/28, 12/44

(11) WO 03/096630 (13) A1

(21) PCT/US03/05936

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 10/141,024 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NETWORK HUB FOR A RECONFIGURABLE DATA NETWORK HAVING PHYSICAL TRANSMISSION MEDIA

• CONCENTRATEUR RESEAU DESTINE A UN RESEAU DE DONNEES RECONFIGURABLE PRESENTANT UN SUPPORT DE TRANSMISSION PHYSIQUE

(71) LOCKHEED MARTIN CORPORATION [—/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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

(72, 75) WHITE, Orland, Kermitt, III [US/US]; 5308 Barberry Drive, Arlington, TX 76018 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 12/56, H04Q 11/04

(11) WO 03/096631 (13) A1

(21) PCT/DE03/01480

(22) 8 May/mai 2003 (08.05.2003)

(25) de (26) de

(30) 102 20 619.8 8 May/mai 2002 DE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR ASSISTING EQUIVALENT CIRCUITS IN MPLS NETWORKS

• PROCEDE POUR ACCEPTER DES CIRCUITS EQUIVALENTS DANS DES RESEAUX MPLS

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) KLINK, Joachim [DE/DE]; Ostmarkstr. 24, 81377 München (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; 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 H04L 12/56

(11) WO 03/096632 (13) A1

(21) PCT/IB02/01605

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DISTRIBUTION SCHEME FOR DISTRIBUTING INFORMATION IN A NETWORK

• PLAN DE DISTRIBUTION UTILE POUR DISTRIBUER DES INFORMATIONS DANS UN RESEAU

(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) LAKKAKORPI, Jani [FI/FI]; Hako-lahdentie 3 A 3, FIN-00200 Helsinki (FI). TANG, Haitao [CN/FI]; Kytuoontie 9 as 1, FIN-00300 Helsinki (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 12/56

(11) WO 03/096633 (13) A1

(21) PCT/IB03/01525

(22) 15 Apr/avr 2003 (15.04.2003)

(25) en (26) en

(30) 02076826.3 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WIRELESS COMMUNICATION ARRANGEMENTS WITH PACKET TRANSMISSIONS

• DISPOSITIFS DE COMMUNICATION RADIO AVEC TRANSMISSIONS PAR PAQUETS

(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) MELPIGNANO, Diego [IT/IT]; 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).

(51)⁷ H04L 12/56

(11) WO 03/096634 (13) A1

(21) PCT/US03/14193

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,404 7 May/mai 2002 US (07.05.2002)

(30) 10/357,265 **3 Feb/fév 2003** US
(03.02.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PACKET FORWARDING METHODS FOR USE IN HANDOFFS

• PROCEDES D'ACHEMINEMENT DE PAQUETS CONVENANT POUR DES TRANSFERTS

(71) FLARION TECHNOLOGIES, INC. [US/US]; Bedminster One, 135 Route 202/206 South, Bedminster, NJ 07921 (US).

(72, 75) O'NEILL, Alan [GB/US]; 184 Military Road, Henley Beach, S.A. 5022 (AU).

(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).

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 12/56

(11) WO 03/096635 (13) A1

(21) PCT/US03/15199

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,973 **13 May/mai 2002** US
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING FLOW OF DATA IN A COMMUNICATION SYSTEM

• PROCEDE ET DISPOSITIF DE REGULATION DU FLUX DE DONNEES

DANS UN SYSTEME DE COMMUNICATION

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) BENDER, Paul, E.; 2879 Angell Avenue, San Diego, CA 92122 (US). BLACK, Peter, J.; 2961 First Avenue, San Diego, CA 92103 (US). GROB, Matthew, S.; 8575 Ruelle Monte Carlo, La Jolla, CA 92037 (US). REZAIIFAR, Ramin; 10896 Caminito Arcada, 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 12/58, H04Q 7/22

(11) WO 03/096636 (13) A1

(21) PCT/EP03/04377

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(30) 02010323.0 **7 May/mai 2002** EP
(07.05.2002)

(30) 02019550.9 **2 Sep/sep 2002** EP
(02.09.2002)

(30) 60/408,682 **6 Sep/sep 2002** US
(06.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR COMMUNICATING MESSAGES TO AN ELECTRONIC COMMUNICATION EQUIPMENT

• PROCEDE SERVANT A TRANSFERER DES MESSAGES A UN EQUIPEMENT DE COMMUNICATION ELECTRONIQUE

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

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

(72, 75) SVENSSON, Magnus [SE/SE]; Skansgatan 5, S-211 32 Malmö (SE). GAJDOS, Jan [SE/SE]; Helsingborgsgatan 11, S-211 54 Malmö (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O. Box 793, S-220 07 Lund (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 VN YU ZA ZM ZW.

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

(11) WO 03/096637 (13) A2

(21) PCT/DE03/01467

(22) 7 May/mai 2003 (07.05.2003)

(25) de (26) de

(30) 102 20 334.2 **7 May/mai 2002** DE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR TRANSMITTING DATA VIA SWITCHABLE DATA NETWORKS

• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES PAR DES RESEAUX DE DONNEES COMMUNICABLES

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) KASPER, Michael [DE/DE]; Zum Stiegelfeld 11, 90411 Nürnberg (DE). KRAUSE, Karl-Heinz [DE/DE]; Augraben 41, 90475 Nürnberg (DE). SINN, Ulrich [DE/DE]; Franz-Steinmetz-Weg 19, 91056 Erlangen (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA 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 12/64, 7/00, 12/56

(11) WO 03/096638 (13) A2

(21) PCT/GB03/01101

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0210658.1 **9 May/mai 2002** GB
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DATA COMMUNICATION

• COMMUNICATION DE DONNEES

(71) SONY UNITED KINGDOM LIMITED [GB/GB]; The Heights, Brooklands, Weybridge, Surrey KT13 0XW (GB).

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(72, 75) PAGE, Michael [GB/GB]; 11 Barrett Street, Oxford OX2 0AT (GB).

(74) TURNER, James, Arthur et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

- (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 H04L 12/66, H04H 7/00
- (11) WO 03/096639 (13) A1
- (21) PCT/EP03/04877
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) EP 02010590.4 10 May/mai 2002 EP (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD, SYSTEM AND APPARATUS FOR TRANSFERRING AUDIO AND/OR VIDEO SIGNALS BETWEEN SYNCHRONOUS AND ASYNCHRONOUS NETWORKS AND FOR MINIMIZING DELAY TIME IN SUCH NETWORKS
- PROCEDE, SYSTEME ET DISPOSITIFS SERVANT A TRANSFERER DES SIGNAUX AUDIO ET/OU VIDEO ENTRE DES RESEAUX SYNCHRONES ET ASYNCHRONES ET A REDUIRE AU MINIMUM LE TEMPS D'ATTENTE DANS CES RESEAUX
- (71) MAYAH COMMUNICATIONS GMBH [DE/DE]; Am Soeldnermoos 17, 85399 Hallbergmoos (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WIESE, Detlef [DE/DE]; Erlengweg 1A, 85354 Freising (DE). RIMKUS, Joerg [DE/DE]; Fruerlunderbogen 11, 24943 Flensburg (DE).
- (74) DINI, Roberto; Via Castagnole, 59, I-10060 Nono (IT).
- (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 H04L 12/66
- (11) WO 03/096640 (13) A2
- (21) PCT/IB03/01824
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 60/378,951 10 May/mai 2002 US (10.05.2002)
- (30) 10/431,384 8 May/mai 2003 US (08.05.2003)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD AND SYSTEM FOR RESETTING NODES IN COMMUNICATION SYSTEMS
- PROCEDE ET SYSTEME DESTINES A REMETTRE A ZERO DES NOEUDS DANS DES SYSTEMES DE COMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, Texas 75039 (US).
(only for / seulement pour LC)
- (72) YLÄ-OUTINEN, Petteri; Päiväläntie 26, FIN-03250 Ojakkala (FI). SUGAR, Robert; Szürkebeby utca 19, Budapest H1173 (HU).
- POIKSELKÄ, Miikka; Itsehallintotie 1 C 83, 00269 Espoo (FI).
- (74) STOUT, Donald, E.; Antonelli, Terry, Stout, & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H04L 12/66, H04J 01/02
- (11) WO 03/096641 (13) A1
- (21) PCT/US03/14271
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 10/140,562 7 May/mai 2002 US (07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DIGITAL TELEPHONE SYSTEM AND PROTOCOL FOR JOINT VOICE AND DATA EXCHANGE VIA POTS LINE
- SYSTEME DE TELEPHONIE NUMERIQUE ET PROTOCOLE D'ECHANGE VOIX-DONNEES COMMUN PAR L'INTERMEDIAIRE D'UNE LIGNE DE SERVICE TELEPHONIQUE DE BASE
- (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) BELOTSEKOVSKY, Maxium, B. [US/US]; 9307 Aintree Drive, Indianapolis, IN 46290 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; 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).
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- Published / Publiée : (c)
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- (51)⁷ H04L 12/66, 29/06
- (11) WO 03/096642 (13) A2
- (21) PCT/US03/14426
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 10/144,154 10 May/mai 2002 US (10.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • DEVICE FOR MODEM RELAY CHANNEL TERMINATION
- DISPOSITIF DESTINE A UNE TERMINAISON DE CANAL D'UN RELAIS DE MODEM
- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
- (72) GROVE, Vincent, T.; 701 Barretts Mill Road, Concord, MA 01742 (US). WILD-FEUER, Herbert, M.; 3107 Lucinda Lane, Santa Barbara, CA 93105 (US). GARAKANI, Mehryar, K.; 1510 Heather Oaks Lane, Westlake Village, CA 91361 (US). JUHLIN, Bruce, D.; 8052 Horizons Court, Pleasanton, CA 94588 (US). BOYNTON, Scott, Anthony; 1033 Wallace Drive, San Jose, CA 95120 (US).
- (74) THIBODEAU, David, J., Jr. 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).
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- (51)⁷ H04L 25/02
- (11) WO 03/096643 (13) A1
- (21) PCT/US03/14084
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (30) 10/139,904 6 May/mai 2002 US (06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • CHANNEL ESTIMATION FOR SYSTEMS WITH TRANSMISSION DIVERSITY
- ESTIMATION DE VOIE POUR SYSTEMES A DIVERSITE DE TRANSMISSION
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) SHIU, Da-shan; 1280 San Tomas Aquino, #204, San Jose, CA 95117 (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 27/36

(11) WO 03/096644 (13) A1

(21) PCT/FR03/01344

(22) 29 Apr/avr 2003 (29.04.2003)

(25) fr (26) fr

(30) 02/05711 7 May/mai 2002 FR
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • RADIO FREQUENCY SIGNAL GEN-
ERATOR, COMPRISING SYNCHRO-
NISED FREQUENCY- OR PHASE-
AND AMPLITUDE-MODULATION
COMPONENTS

- GENERATEUR D'UN SIGNAL RA-
DIOFREQUENCE COMPRENANT DES
COMPOSANTES DE MODULATION
D'AMPLITUDE ET DE PHASE OU
FREQUENCE SYNCHRONISEES

- (71) EADS TELECOM [FR/FR]; Rue
Jean-Pierre Timbaud, Bâtiment Jean-Pierre
Timbaud, F-78180 Montigny Le Bretonneux
(FR).

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

- (72, 75) CHECOURY, Xavier [FR/FR]; 7, rue
des Cottages, F-75018 Paris (FR). GAGEY,
Olivier [FR/FR]; 73, rue Notre Dame des
Champs, F-75006 Paris (FR).

- (74) VERDURE, Stéphane 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).

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(u) for / pour US only / seulement

(51)⁷ H04L 29/00

(11) WO 03/096645 (13) A2

(21) PCT/US03/07446

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/139,455 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • VOIP SERVICE OVER AN ETHERNET
NETWORK CARRIED BY A DWDM
OPTICAL SUPERVISORY CHANNEL

- SERVICE DE SYSTEME VOCAL
SUR L'INTERNET SUR UN RESEAU
ETHERNET ACHEMINE PAR UNE
VOIE DE SURVEILLANCE OPTIQUE
DWDM

- (71) CISCO TECHNOLOGY, INC. [US/US];
170 West Tasman Drive, M/S 10/2/1, San
Jose, CA 95134-1706 (US).

- (72) VISCARDI, Valerio; Via Monte Santo, 28,
20037 Paderno Sugnano (IT). ARECCO,
Fulvio; Via Mercandante, 29/A, 20052
Monza (IT). RAVASIO, Filippo, Ben-
tivoglio; Via Sacconi 5, 20052 Monza (IT).

- (74) LANG, Dan, H.; Ritter, Lang & Kaplan LLP,
Suite D1, 12930 Saratoga Ave., Saratoga, CA
95070 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
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).

(51)⁷ H04L 29/06, 29/08

(11) WO 03/096646 (13) A1

(21) PCT/CA03/00558

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 2,385,344 8 May/mai 2002 CA
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • FILE TRANSFER METHOD AND AP-
PARATUS

- PROCEDE ET APPAREIL DE TRANS-
FERT DE DONNEES

- (71) BELL GLOBEMEDIA INC. [CA/CA]; 9
Channel Nine Court, Scarborough, Ontario
M1S 4B5 (CA).

- (72) FAUST, Albert, William; 19 Peter Street,
Markham, Ontario L3P 2A3 (CA). BOND,
Tracy, Arthur; 2775 West 8th Avenue, Van-
couver, British Columbia V6K 2B7 (CA).
DICKSON, David, Michael; Apartment
207, 10680 151A Street, Surrey, British Co-
lumbia V3R 8T4 (CA).

- (74) SMITH, Dallas, F. et al. / etc.; Gowling
Lafleur Henderson LLP, 160 Elgin Street,
Suite 2600, Ottawa, Ontario K1P 1C3 (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 NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK 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, 12/56

(11) WO 03/096647 (13) A1

(21) PCT/IB02/01576

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DYNAMIC ALLOCATION OF A RADIO
RESOURCE

- ATTRIBUTION DYNAMIQUE D'UNE
RESSOURCE RADIO

- (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) MARJELUND, Pekka [FI/FI]; Kat-
tajantie 6, FIN-08680 Muijala (FI).
JOKIMIES, Matti [FI/FI]; Pääskynkatu
7 B, FIN-24130 Salo (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 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 H04L 29/06, H04Q 3/00, H04M 7/00,
H04L 12/64

(11) WO 03/096648 (13) A1

(21) PCT/IB03/01005

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/142,805 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

- (54) • DYNAMIC CALL CONTROL

- COMMANDE D'APPEL DYNAMIQUE

- (71) NORTEL NETWORKS LIMITED
[CA/CA]; 2351 Boulevard Alfred-Nobel,
St. Laurent, Quebec H4S 2A9 (CA).

- (72) SYLVAIN, Dany; 6 rue d'Anjou, Gatineau,
Quebec J8T 6A6 (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 H04L 29/06, 12/18, G06F 17/30

(11) WO 03/096649 (13) A1

(21) PCT/SE03/00745

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 0201426-4 8 May/mai 2002 SE (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHOD FOR DISTRIBUTION OF STREAMED REAL-TIME INFORMATION BETWEEN CLIENTS

• DISPOSITIF ET PROCÉDE DE DISTRIBUTION D'INFORMATIONS EN TEMPS REEL DIFFERENCIÉES A DES CLIENTS

(71) MARRATECH AB [SE/SE]; P.O. Box 1036, S-164 21 KISTA (SE).

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

(72, 75) PARNES, Peter [SE/SE]; Granitstigen 12, S-977 54 LULEÅ (SE).

(74) ALBIHNS STOCKHOLM AB; P.O. Box 5581, Linnégatan 2, 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 H04L 29/06

(11) WO 03/096650 (13) A1

(21) PCT/US03/13926

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 10/139,941 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHODS AND APPARATUS FOR MOBILE IP DYNAMIC HOME AGENT ALLOCATION

• PROCÉDES ET APPAREIL POUR L'ATTRIBUTION D'UN AGENT LOCAL DYNAMIQUE IP MOBILE

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

(72) LEUNG, Kent, K.; 2447 Villa Nueva Way, Mountain View, CA 94040 (US). PATEL,

Alpesh; 3131 Homestead Road, #9L, Santa Clara, CA 95051 (US). RAAB, Stefan, B.; 43619 Hetrick Lane, South Riding, VA 20152 (US).

(74) HEILBRUNN, Elise, R.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 12/44

(11) WO 03/096651 (13) A1

(21) PCT/JP02/04658

(22) 14 May/mai 2002 (14.05.2002)

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION SPEED CONTROL CIRCUIT, COMMUNICATION SPEED CONTROL SUBSTRATE, AND INFORMATION PROCESSING APPARATUS

• CIRCUIT DE COMMANDE DE VITESSE DE COMMUNICATION, SUBSTRAT DE COMMANDE DE VITESSE DE COMMUNICATION, ET APPAREIL DE TRAITEMENT D'INFORMATIONS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) KOJIMA, Teruki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (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 H04L 29/12

(11) WO 03/096652 (13) A2

(21) PCT/DE03/01458

(22) 6 May/mai 2003 (06.05.2003)

(25) de (26) de

(30) 102 20 489.6 7 May/mai 2002 DE (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADDRESSING METHOD

• PROCÉDE D'ADRESSAGE

(71) NET-MOBILE AG [DE/DE]; Mörsenbroicherweg 200, 40470 Düsseldorf (DE).

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

(72, 75) PLASSMANN, Dieter [DE/DE]; Burgmüllerstr. 2, 40235 Düsseldorf (DE). ÜNAL, Bülent [DE/DE]; Inratherstr. 505, 47803 Krefeld (DE).

(74) VORBERG, Jens et al. / etc.; Lindenallee 43, 50968 Köln (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 H04L 29/12, 29/06

(11) WO 03/096653 (13) A1

(21) PCT/US03/14808

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/380,396 13 May/mai 2002 US (13.05.2002)

(30) 10/215,899 8 Aug/août 2002 US (08.08.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PEER TO PEER NETWORK COMMUNICATION WITH NETWORK ADDRESS TRANSLATION

• COMMUNICATION PAR RESEAUX D'EGAL A EGAL AVEC TRADUCTION D'ADRESSE RESEAU

(71) SONY COMPUTER ENTERTAINMENT AMERICA INC. [US/US]; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US).

(72) HARRIS, Adam; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US). GORDON, Jeremy, Joseph; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US). JACOB, Mark; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US).

(74) FROMMER, William, S.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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, 12/26

(11) WO 03/096654 (13) A1

(21) PCT/US03/14810

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/380,396 13 May/mai 2002 US
(13.05.2002)(30) 10/215,899 8 Aug/août 2002 US
(08.08.2002)(30) 10/295,542 15 Nov/nov 2002 US
(15.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NETWORK CONFIGURATION EVALUATION

• EVALUATION DE LA CONFIGURATION RESEAU

(71) SONY COMPUTER ENTERTAINMENT AMERICA INC. [US/US]; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US).

(72) HARRIS, Adam; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404-2175 (US).

(74) FROMMER, William, S.; 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 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 H04M

(11) WO 03/096655 (13) A2

(21) PCT/US03/12839

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/143,343 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VIDEO SYSTEM FOR INTEGRATING OBSERVER FEEDBACK WITH DISPLAYED IMAGES

• SYSTEME VIDEO POUR L'INTEGRATION D'UNE RETROACTION D'OBSERVATEUR AVEC DES IMAGES AFFICHEES

(71, 72) SHAPIRA, Shmuel [US/US]; 18560 S.W. Parrett Mountain Road, Sherwood, OR 97140 (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 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 H04M

(11) WO 03/096656 (13) A2

(21) PCT/US03/13448

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(30) 10/140,271 7 May/mai 2002 US
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR ENABLING A QUICK REPEAT FEATURE

• PROCEDE ET APPAREIL D'ACTIVATION D'UNE CARACTERISTIQUE DE REPETITION RAPIDE

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) SREY, Lena.; 5258 N. Leclair Avenue, Chicago, IL 60630 (US). HADDAD, Raouf.; 17726 Peacock Lane, Tinley Park, IL 60477 (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 UZ VN YU ZA ZM ZW.

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

(11) WO 03/096657 (13) A2

(21) PCT/US03/13996

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/380,082 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IN PACKET-SWITCHED CELLULAR NETWORKS

• PROCEDES ET DISPOSITIF DE MACRO-DIVERSITE EN LIAISON MONTEE DANS DES RESEAUX CELLULAIRES A COMMUTATION PAR PAQUETS

(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) CORSON, Scott, M. [US/US]; 51 Highland Avenue, Chatham, NJ 07928 (US). KAPOOR, Samir [IN/US]; 63 Avalon Court, Doylestown, PA 18901 (US). LAROA, Rajiv [IN/US]; 455 Somerville Road, Basking Ridge, NJ 07920 (US). PARK, Vincent [US/US]; 11 Rolling Hills Drive, Budd Lake, NJ 07828 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H04M 1/00

(11) WO 03/096658 (13) A1

(21) PCT/US03/14519

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,649 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION SYSTEM WITH INTELLIGENT TRANSCEIVER

• SYSTEME DE COMMUNICATION AVEC EMETTEUR RECEPTEUR INTELLIGENT

(71) **BEST BUY ENTERPRISE SERVICES, INC.** [—/US]; 7601 Penn Ave. S., Richfield, MN 55423 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Steven, K.** [US/US]; 211 W. Minnehaha Parkway, Minneapolis, MN 55419 (US).

(74) **JAMES, Stephanie, J. et al.** / etc.; 2900 Thomas Ave. S., Suite 100, Minneapolis, MN 55416 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H04M 1/56, 1/2745, 3/42, H04Q 7/38

(11) WO 03/096659 (13) A1

(21) PCT/JP03/05902

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-135767 10 May/mai 2002 JP (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOBILE TERMINAL HAVING INTERNATIONAL DIAL OPERATION FUNCTION AND INTERNATIONAL DIAL SYSTEM
• TERMINAL MOBILE A FONCTION ET SYSTEME DE NUMEROTATION INTERNATIONALE

(71) **NTT DOCOMO, INC.** [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYA, Masaaki** [JP/JP]; c/o NTT DoCoMo, Inc., 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). **TAMURA, Motoshi** [JP/JP]; c/o NTT DoCoMo, Inc., 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (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) 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 H04M 1/725, H04Q 7/32

(11) WO 03/096660 (13) A1

(21) PCT/IB02/01562

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A METHOD OF REMOTELY CHANGING OPERATING CHARACTERISTICS OF A COMMUNICATIONS DEVICE

• PROCEDE POUR MODIFIER A DISTANCE LES CARACTERISTIQUES DE FONCTIONNEMENT D'UN DISPOSITIF 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) **SERAFAT, Reza** [DE/DE]; Oskar-Hoffmann-Strasse 164, 44789 Bochum (DE). **GLATZER, Hans-Mathias** [DE/DE]; Crachstrasse 41, 44229 Dortmund (DE). **IMAM, Amir** [PK/DE]; Semperstrasse 113, 44801 Bochum (DE). **SÖHNER, Jens-Uwe** [DE/DE]; Hernerstrasse 282, 44809 Bochum (DE).

(74) **WAGNER, Bernhard, P.**; Patentanwälte ter Meer Steinmeister & Partner GbR, Association No. 6, Mauerkircherstrasse 45, 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 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 H04M 3/16

(11) WO 03/096661 (13) A1

(21) PCT/US03/12999

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(30) 60/379,603 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD/APPARATUS AND ARTICLE TO REMOTELY ASSOCIATE WIRELESS DEVICES WITH SUBSCRIBER IDENTITIES/PROXY DEVICES.

• PROCEDE ET SYSTEME PERMETTANT D'ASSOCIER A DISTANCE DES DISPOSITIFS SANS FIL A DES MODULES D'IDENTIFICATION D'ABONNE/DISPOSITIFS MANDATAIRES

(71) **CASABYTE, INC.** [US/US]; P.O. Box 1166, Renton, WA 98057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASTROGIOVANNI, Benedetto** [US/US]; 1900 Alaskan Way, #215, Seattle, WA 98101 (US). **READ, John, S.** [US/US]; 4012 SW 327th Street, Federal Way, WA 98023 (US).

(74) **ABRAMONTE, Frank et al.** / etc.; Seed Intellectual Property Law Group PLLC, 701 Fifth Avenue, Suite 6300, 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 H04M 3/42

(11) WO 03/096662 (13) A1

(21) PCT/US02/14334

(22) 7 May/mai 2002 (07.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR RECORDING TELEPHONIC COMMUNICATIONS

• SYSTEME ET PROCEDE D'ENREGISTREMENT DE COMMUNICATIONS TELEPHONIQUES

(71) **XTEND COMMUNICATIONS CORPORATION** [US/US]; 171 Madison Avenue, New York, NY 10016 (US).

(72) **SCHWARTZ, William, I.**; 448 West 23rd Street, New York, NY 10011 (US). **CHARLAND, Robert, M.**; 44 East 12th Street, Apartment 8B, New York, NY 10003 (US).

(74) **WOFSY, Scott, D.**; Cummings & Lockwood, 700 State Street, New Haven, CT 06509-1960 (US).

(81) AU BR CA CN IL JP KR MX NZ.

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

(51)⁷ H04M 3/493

(11) WO 03/096663 (13) A2

(21) PCT/US03/14349

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,735 8 May/mai 2002 US (08.05.2002)

(30) 60/378,817 8 May/mai 2002 US (08.05.2002)

(30) 10/431,084 7 May/mai 2003 US (07.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD OF GENERATING TEST SCRIPTS USING A VOICE-CAPABLE MARKUP LANGUAGE

• PROCEDE DE PRODUCTION DE SCRIPTS DE TEST EN LANGAGE VXML

(71) **EMPIRIX INC.** [US/US]; 1430 Main Street, Waltham, MA 02451 (US).

(72) **WILLIAMS, Douglas, Carter**; 12 Abel Jones Place, Acton, MA 01720 (US). **HAND, Wesley, C., Jr.**; 14 Dan Hill Road, Londonderry, NH 03053 (US). **HOUE, Henry**; 26 Liberty Avenue, Lexington, MA 02420 (US).

SEELEY, Albert, Robinson; 5 Brenda Lane, Burlington, MA 01803 (US).

(74) ROBINSON, Kermit et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, 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 VN YU ZA ZM ZW.

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

(51)⁷ H04M 3/527, 3/523

(11) WO 03/096664 (13) A1

(21) PCT/US03/01315

(22) 15 Jan/jan 2003 (15.01.2003)

(25) en (26) en

(30) 10/140,850 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR DISTRIBUTED INTERACTIVE VOICE PROCESSING

• PROCEDE ET DISPOSITIF DE TRAITEMENT DE LA VOIX INTERACTIF REPARTI

(71) AVAYA TECHNOLOGY CORP. [US/US]; 211 Mount Airy Road, Basking Ridge, NJ 07920 (US).

(72) MATULA, Valentine, C.; 3400 Granview Road, Granville, OH 43023 (US).

(74) MASON, Kevin, M.; Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH RO RU SD SE SG 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 HU IE IT LU MC NL PT 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 HU IE IT LU MC NL PT 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 HU IE IT LU MC NL PT SE SI SK TR)

(51)⁷ H04M 7/00, 3/54

(11) WO 03/096665 (13) A1

(21) PCT/US03/14047

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/319,233 7 May/mai 2002 US (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR PREVENTING DATA LOSS IN A REAL-TIME COMPUTER SYSTEM

• PROCEDE ET SYSTEME PERMETTANT D'EMPECHER UNE PERTE DE DONNEES DANS UN SYSTEME INFORMATIQUE EN TEMPS REEL

(71) GLOBESPAN VIRATA INCORPORATED [US/US]; 100 Schultz Drive, Red Bank, NJ 07701 (US).

(72) SCHOLTZ, William; 734 Navesink River Road, Red Bank, NJ 07701 (US).

(74) DUNCAN, Kevin, T. et al. / etc.; Intellectual Property Department, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 H04M 11/06, H04L 12/46

(11) WO 03/096666 (13) A1

(21) PCT/US03/14418

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,423 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE TO TERMINATE A MODEM RELAY CHANNEL DIRECTLY TO AN IP NETWORK

• DISPOSITIF POUR FAIRE ABOUTIR UNE VOIE DE RELAIS DE MODEM DIRECTEMENT DANS UN RESEAU IP

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Road, San Jose, CA 95134 (US).

(72) GROVE, Vincent, T.; 701 Barretts Mill Road, Concord, MA 01742 (US). WILD-FEUER, Herbert, M.; 3107 Lucinda Lane, Santa Barbara, CA 93105 (US). GARAKANI, Mehryar, K.; 1510 Heather Oaks Lane, Westlake Village, CA 91361 (US). JUHLIN, Bruce, D.; 8052 Horizons Court, Pleasanton, CA 94588 (US). BOYNTON, Scott, Anthony; 1033 Wallace Drive, San Jose, CA 95120 (US).

(74) REYNOLDS, Leo, R. 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 19/04

(11) WO 03/096667 (13) A1

(21) PCT/IB02/01563

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOBILE TERMINAL DEVICE COMPRISING VIBRATING COMPONENT HAVING LIGHT EFFECTS

• DISPOSITIF A TERMINAL MOBILE COMPRENANT UN COMPOSANT VIBRATOIRE AVEC EFFETS LUMINEUX

(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) **KEMPPINEN, Pasi** [FI/FI]; Hallituskatu 13 A 15, FIN-33720 Tampere (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 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 H04N

(11) **WO 03/096668** (13) A2

(21) PCT/US03/14433

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,799 **10 May/mai 2002** US (10.05.2002)

(30) 60/381,149 **16 May/mai 2002** US (16.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR VERIFYING EXPOSURE TO MESSAGE CONTENT DELIVERED VIA OUTDOOR MEDIA OR IN A CONCENTRATED FORMAT, INCLUDING COLLECTING A PRINTED VERIFICATION RESPONSE

• PROCEDE ET SYSTEME DE VERIFICATION DE L'EXPOSITION D'UN CONTENU DE MESSAGE ENVOYE PAR UN SUPPORT EXTERNE OU DANS UN FORMAT REDUIT, COMPRENANT LA RECEPTION D'UNE REPONSE DE VERIFICATION IMPRIMEE

(71, 72) **MAGGIO, Frank, S.** [US/US]; 7660 Paradise Pointe Cir. S., St. Petersburg, FL 33711 (US).

(72) **SILER, Mark, Allen**; 8236 26th Avenue N., St. Petersburg, FL 33710 (US).

(74) **ISAACS, William, O.**; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096669** (13) A2

(21) PCT/US03/14449

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/379,635 **10 May/mai 2002** US (10.05.2002)

(30) 60/408,605 **6 Sep/sep 2002** US (06.09.2002)

(30) 60/455,433 **17 Mar/mar 2003** US (17.03.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR BROWSING USING MULTIPLE COORDINATED DEVICE

• PROCEDE ET DISPOSITIF D'EXPLORATION AU MOYEN DE PLUSIEURS DISPOSITIFS COORDONNES

(71, 72) **REISMAN, Richard, R.** [US/US]; 20 East 9th Street, Apt. 14K, New York, NY 10003 (US).

(74) **HANCHUK, Walter, G.**; 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096670** (13) A2

(21) PCT/US03/14640

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 10/143,666 **9 May/mai 2002** US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MANUAL AND AUTOMATIC RECORD FEATURE IN A TELEPHONE

• CARACTERISTIQUE D'ENREGISTREMENT AUTOMATIQUE ET MANUEL DANS UN TELEPHONE

(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) **SAHASRABUDHE, Rajeev, Madhukar** [US/US]; 12810 Patrick Ct., Fisher, IN 46038 (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 H04N

(11) **WO 03/096671** (13) A2

(21) PCT/US03/14646

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(30) 60/379,446 **10 May/mai 2002** US (10.05.2002)

(30) 60/379,557 **10 May/mai 2002** US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • REMOTE CONTROL DEVICE FOR TELEVISION SIGNAL RECEIVER CAPABLE OF RECEIVING EMERGENCY ALERT SIGNALS

• DISPOSITIF A TELECOMMANDE POUR RECEPTEUR DE SIGNAUX DE TELEVISION POUVANT RECEVOIR DES SIGNAUX D'ALERTE D'URGENCE

(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) **TULLY Jr., Timothy, Joseph** [US/US]; 19910 Wagon Trail Drive, Noblesville, IN 46060 (US). **MERRELL, John, Douglas** [US/US]; 7234 Oak Cove Lane, Noblesville, IN 46060 (US). **PUGEL, Michael, Antony** [US/US]; 20925 Creek Road, Noblesville, IN 46234 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; c/o Thomson 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

(11) **WO 03/096672** (13) A2

(21) PCT/US03/14650

(22) **9 May/mai 2003 (09.05.2003)**

- (25) en (26) en
- (30) 60/379,695 **10 May/mai 2002** US
(10.05.2002)
- (30) 60/426,955 **15 Nov/nov 2002** US
(15.11.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • TELEVISION SIGNAL RECEIVER CAPABLE OF RECEIVING EMERGENCY ALERT SIGNALS
• RECEPTEUR DE SIGNAUX DE TELEVISION POUVANT RECEVOIR DES SIGNAUX D'ALERTE
- (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) PUGEL, Michael, Antony [US/US]; 20925 Creek Road, Noblesville, IN 46234 (US). MERRELL, John, Douglas [US/US]; 7234 Oak Cove Lane, Noblesville, KS 46060 (US). KENDALL, Scott, Allan [US/US]; 318 McIntosh Lane, Westfield, IN 46074 (US). VIRAG, David, Emery [US/US]; 7485 Cherry Hill Drive, Indianapolis, IN 46254 (US). BRIDGE, Michael, Alan [US/US]; 8905 Providence Drive, Noblesville, IN 46060 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson 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
- (11) WO 03/096673 (13) A2
- (21) PCT/US03/14802
- (22) 8 May/mai 2003 (08.05.2003)
- (25) en (26) en
- (30) 10/142,320 **8 May/mai 2002** US
(08.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ONE CHIP, LOW LIGHT LEVEL COLOR CAMERA
• CAMERA COULEUR MONOPUCE A FAIBLE NIVEAU DE LUMIERE
- (71) BALL AEROSPACE & TECHNOLOGIES CORP. [US/US]; 1600 Commerce Street, Boulder, CO 80301 (US).
- (72) FRAME, Wayne, W.; 425 NE Columbine Court, Cedaredge, CO 81413 (US).
- (74) KNEPPER, Bradley, M. 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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
- (11) WO 03/096674 (13) A2
- (21) PCT/US03/07393
- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) en (26) en
- (30) 10/093,052 **7 Mar/mar 2002** US
(07.03.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • AUTOMATIC FACSIMILE DOCUMENT RESIZING
• REDIMENSIONNEMENT D'UN DOCUMENT FAC-SIMILE AUTOMATIQUE
- (71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 6-78, Minami-Cho Mishima-Shi, Shizuoka-ken, Shizuoka 411-8520 (JP).
- (71, 72) QUACH, Tony, T. [US/US]; 1193 West Chateau Avenue, Anaheim, CA 92802 (US).
- (74) MIZER, Susan, L.; Arter & Hadden LLP, 925 Euclid Avenue, 1100 Huntington Building, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 1/60, 1/46, 1/409, G06T 1/00, B41J 2/485
- (11) WO 03/096675 (13) A1
- (21) PCT/JP02/04651
- (22) 14 May/mai 2002 (14.05.2002)
- (25) ja (26) ja
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • COLOR IMAGE CREATING DEVICE AND COLOR IMAGE CREATING METHOD
• DISPOSITIF ET PROCÉDE DE CRÉATION D'IMAGE COULEUR
- (71) FUJI XEROX CO., LTD. [JP/JP]; 17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOU, Hiroshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,

- Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) KIMURA, Takahisa; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).
- (81) JP US.
-
- (51)⁷ H04N 5/00
- (11) WO 03/096676 (13) A1
- (21) PCT/IB03/01549
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) en (26) en
- (30) 02076900.6 **14 May/mai 2002** EP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD OF PROCESSING DATA OF AT LEAST ONE DATA STREAM, DATA STORAGE SYSTEM AND METHOD OF USE THEREOF
• PROCÉDE DE TRAITEMENT DE DONNÉES D'AU MOINS UN FLOT DE DONNÉES, SYSTÈME DE MÉMORISATION DE DONNÉES ET PROCÉDE D'UTILISATION DESDITES DONNÉES
- (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) CUMPSON, Stephen, R. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MESUT, Ozcan [NL/NL]; 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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- (51)⁷ H04N 5/00
- (11) WO 03/096677 (13) A1
- (21) PCT/JP03/05872
- (22) 12 May/mai 2003 (12.05.2003)
- (25) ja (26) ja
- (30) 2002-136657 **13 May/mai 2002** JP
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RECEPTION DEVICE AND RECEPTION METHOD
• DISPOSITIF ET PROCÉDE DE RÉCEPTION
- (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) TESHIMA, Misao [JP/JP]; 1-5-19-U-103, Shindo, Ibaraki-shi, Osaka 567-0835 (JP). SEKITO, Makoto [JP/JP]; 1-4-40-930, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (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.

(51)⁷ H04N 5/00

(11) WO 03/096678 (13) A1

(21) PCT/JP03/05908

(22) 12 May/mai 2003 (12.05.2003)

(25) ja (26) ja

(30) 2002-137774 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VIDEO DISPLAY SYSTEM AND VIDEO DISPLAY CONTROL APPARATUS

• SYSTEME ET APPAREIL DE COMMANDE D’AFFICHAGE VIDEO

(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) YOKOYAMA, Tatsuya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OHASHI, Yuka [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SATO, Jin [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MIZOBUCHI, Ayumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). UCHIDA, Mami [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NASHIDA, Tatsushi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKAKI, Goro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OGAWA, Kirihito [JP/JP]; c/o NIPPON INFORMATION DEVELOPMENT CO., LTD., 6-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(74) KOIKE, Akira et al. / etc.; 11th 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 H04N 5/00, 5/91, 7/00, 7/025, 7/10, 7/167, 9/79

(11) WO 03/096679 (13) A1

(21) PCT/US03/14642

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,570 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTROL FIELD EVENT DETECTION IN A DIGITAL VIDEO RECORDER

• DETECTION D’EVENEMENT DE CHAMP DE COMMANDE DANS UN ENREGISTREUR VIDEO NUMERIQUE

(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) ENGLE, Joseph, C. [US/US]; 4206 Shine Court, Carmel, IN 46033 (US). ODOTOLA, Akinyemi [US/US]; 4425 Wentz, Carmel, IN 46033 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 5/225, G03B 11/00, 17/14, 19/02 // H04N 101:00

(11) WO 03/096680 (13) A1

(21) PCT/JP03/05789

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-137675 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CAMERA

• APPAREIL PHOTOGRAPHIQUE

(71) OLYMPUS OPTICAL CO., LTD. [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

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

(72, 75) KAWAI, Sumio [JP/JP]; 5-27-13, Nakanokamicho, Hachioji-shi, Tokyo 192-0041 (JP). ITO, Junichi [JP/JP]; 3-20, Katamachi, Fuchu-shi, Tokyo 183-0021 (JP). TAKIZAWA, Hiroyuki [JP/JP]; 2-36-1-710, Somechi, Chofu-shi, Tokyo 182-0023 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

(84) EP (DE GB).

(51)⁷ H04N 5/225

(11) WO 03/096681 (13) A1

(21) PCT/KR03/00926

(22) 10 May/mai 2003 (10.05.2003)

(25) ko (26) en

(30) 10-2002-0026040 11 May/mai 2002 KR (11.05.2002)

(30) 10-2003-0029613 10 May/mai 2003 KR (10.05.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MULTIPURPOSE DIGITAL CAMERA FOR HOME CARE

• CAMERA NUMERIQUE POLYVALENTE POUR SOINS A DOMICILE

(71, 72) KIM, Chang Huyn [KR/KR]; 7-1, Chungjeongno 3-ga, Seodaemun-gu, Seoul 120-837 (KR).

(74) KIM, Jong Su; Suite 201, Dasung Bldg., 735-34 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/262, 5/265

(11) WO 03/096682 (13) A1

(21) PCT/US03/14427

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/378,656 9 May/mai 2002 US (09.05.2002)

(30) 60/378,655 9 May/mai 2002 US (09.05.2002)

(30) 60/378,657 9 May/mai 2002 US (09.05.2002)

(30) 60/378,672 9 May/mai 2002 US (09.05.2002)

(30) 60/378,671 9 May/mai 2002 US (09.05.2002)

(30) 10/208,810 1 Aug/août 2002 US (01.08.2002)

(30) 10/247,783 20 Sep/sep 2002 US (20.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VIDEO PRODUCTION SYSTEM FOR AUTOMATING THE EXECUTION OF A VIDEO SHOW

• SYSTEMES, PROCEDES ET PROGRAMME INFORMATIQUE PERMETTANT L’AMELIORATION DE LA

FEUILLE DE PRESENCE, LA SAISIE AUTOMATIQUE AU CLAVIER, L'EXECUTION AUTOMATIQUE EN TEMPS REEL D'INSERTS EN DIRECT DE DISTRIBUTION DE CONTENU STOCKE RECYCLE, LA PRODUCTION EN DIFFUSION SIMULTANEE AUTOMATIQUE A RAPPORT DE FORME MULTIPLE, ET INTERFACE

(71) PARKERVISION, INC. [US/US]; 8493 Baymeadows Way, Jacksonville, FL 32256 (US).

(72) HOLTZ, Alex; 11837 Tanya Terrace East, Jacksonville, FL 32223 (US). SNYDER, Robert, J.; 140 Kipling Lane, St. Augustine, FL 32095 (US). BENSON, John, R.; 10481 Wellington Springs Way, Jacksonville, FL 32221 (US). COUCH, William, H.; 2876 Breakers Drive, Fernandina Beach, FL 32034 (US). LAROCQUE, Marcel; 2766 Mandarin Meadows Dr. N., Jacksonville, FL 32223 (US). TODD, Richard; 10276 Ripple Rush Dr. W., Jacksonville, FL 32257 (US). HOEPFNER, Charles, M.; 5387 Riverbreeze Ct., Jacksonville, FL 32277 (US). TINGLE, Keith, Gregory; 624 Oceanfront, Neptune Beach, FL 32266 (US). MORROW, Kevin, K.; 268 Maplewood Drive, Jacksonville, FL 32259 (US). SMITH, Maurice; 4488 Cobblefield Circle E., Jacksonville, FL 32224 (US).

(74) LEE, Michael, Q. et al. / etc.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., 1100 New York Avenue, 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/44

(11) WO 03/096683 (13) A1

(21) PCT/JP03/05937

(22) 13 May/mai 2003 (13.05.2003)

(25) ja (26) ja

(30) 2002-136609 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECEPTION DEVICE
• DISPOSITIF DE RECEPTION

(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) MIYABAYASHI, Naoki [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.

(51)⁷ H04N 5/76

(11) WO 03/096684 (13) A1

(21) PCT/US03/14641

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,571 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RULES FOR A DIGITAL VIDEO RECORDER
• REGLES POUR ENREGISTREUR VIDEO NUMERIQUE

(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) ENGLE, Joseph, C. [US/US]; 4206 Shine Court, Carmel, IN 46033 (US). ODOTOLA, Akinyemi [US/US]; 4425 Wentz, Carmel, IN 46033 (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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/87

(11) WO 03/096685 (13) A1

(21) PCT/NO03/00155

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 20022308 14 May/mai 2002 NO (14.05.2002)

(30) 60/380,264 15 May/mai 2002 US (15.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE AND METHOD FOR TRANSFERRING MOTION PICTURES TO A PHOTSENSITIVE MATERIAL
• DISPOSITIF ET PROCEDURE DE TRANSFERT D'IMAGES CINEMATOGRAPHIQUES SUR UN MATERIAU PHOTSENSIBLE

(71, 72) BJERKESTRAND, Rune [NO/NO]; Gamle Kongevei 135, N-3040 Drammen (NO). GARDER, Bjørn [NO/NO]; Gunnerudveien 33, N-3410 Sylling (NO).

(72, 75) GANDET, Fabien [FR/FR]; 57, rue de Saint Robert, F-38120 Saint Egreve (FR).

(74) ONSAGERS AS et al. / etc.; P.O. Box 6963 St. Olavs plass, N-0130 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 (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 5/91

(11) WO 03/096686 (13) A1

(21) PCT/US03/14507

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 10/442,739 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTENT IDENTIFICATION IN A DIGITAL VIDEO RECORDER
• IDENTIFICATION DE CONTENU DANS UN ENREGISTREUR VIDEO NUMERIQUE

(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) ENGLE, Joseph, C. [US/US]; 4206 Shine Court, Carmel, IN 46033 (US). ODOTOLA, Akinyemi [US/US]; 4425 Wentz, Carmel, IN 46033 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 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 H04N 5/92

(11) WO 03/096687 (13) A1

(21) PCT/JP03/05394

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002-132239 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • RECORDING DEVICE AND RECORD-
ING METHOD• DISPOSITIF D'ENREGISTREMENT ET
PROCEDE D'ENREGISTREMENT(71) SONY CORPORATION [JP/JP]; 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP). PIONEER CORPO-
RATION [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) YOSHIOKA, Shingo [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP).(74) KOIKE, Akira et al. / etc.; 11th Floor,
Yamato Seimei Bldg., 1-7, Uchisaiwai-cho
1-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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/01, 5/445, 5/44

(11) WO 03/096688 (13) A1

(21) PCT/IB03/01499

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076814.9 8 May/mai 2002 EP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • VIDEO AND TEXT DISPLAY

• AFFICHAGE VIDEO ET TEXTE

(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 LAMMEREN, Johannes, P., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).(74) STEENBEEK, Leonardus, J.; 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 7/01

(11) WO 03/096689 (13) A1

(21) PCT/JP03/05557

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(30) 2002-131230 7 May/mai 2002 JP
(07.05.2002)(30) 2003-123406 28 Apr/avr 2003 JP
(28.04.2003)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGE ANGLE DETECTION DEVICE
AND SCAN LINE INTERPOLATION
DEVICE HAVING THE SAME• DISPOSITIF DE DETECTION
D'ANGLE D'IMAGE ET DISPOSI-
TIF D'INTERPOLATION DE LIGNE
DE BALAYAGE COMPRENANT LEDIT
DISPOSITIF(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) KAWAMURA, Hideaki [JP/JP];
185-10, Futamachi-cho, Moriyama-shi,
Shiga 524-0043 (JP). KASAHARA, Mit-
suhiko [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).(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 7/01

(11) WO 03/096690 (13) A1

(21) PCT/US03/14643

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/143,740 10 May/mai 2002 US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEINTERLACING OF MIXED PRO-
GRESSIVE AND NON-PROGRESSIVE
SEQUENCES• DESENTRELACEMENT DE SE-
QUENCES PROGRESSIVES ET NON
PROGRESSIVES MELANGES(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) CRABB, Michael, Evan [US/US];
13178 Capri Drive, Carmel, IN 46033 (US).
WILLIS, Donald, Henry [US/US]; 5175
East 74th Place, Indianapolis, IN 46240 (US).(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thom-
son 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 H04N 7/08, 7/01

(11) WO 03/096691 (13) A1

(21) PCT/JP03/05564

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(30) 2002-131221 7 May/mai 2002 JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SIGNAL PROCESSING DEVICE, SIG-
NAL PROCESSING METHOD, PRO-
GRAM, AND RECORDING MEDIUM• DISPOSITIF ET PROCEDE DE TRAITE-
MENT DES SIGNAUX, PROGRAMME
ET 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) SAKANIWA, Katsuyuki [JP/JP];
5-2-19-302, Nakayamasatsukidai,
Takaraduka-shi, Hyogo 665-0871 (JP).
SAITOH, Hiroshi [JP/JP]; 473-4,
Nagasone-cho, Sakai-shi, Osaka 591-8025
(JP).(74) MATSUDA, Masamichi; Shin-osaka
Ikushima Bldg., 1-3, Miyahara 5-chome,
Yodogawa-ku, Osaka-shi, Osaka 532-0003
(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)

(51)⁷ H04N 7/10

(11) WO 03/096692 (13) A1

(21) PCT/KR03/00936

(22) 12 May/mai 2003 (12.05.2003)

(25) ko (26) en

(30) 10-2002-0026254 13 May/mai 2002 KR
(13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • NOISE FILTERING APPARATUS FOR
INTERNET SERVICE USING MASTER
ANTENNA TELEVISION NETWORK• APPAREIL FILTRANT LE BRUIT POUR
SERVICE INTERNET UTILISANT UN

RESEAU DE TELEVISION A ANTENNE COLLECTIVE

(71) **DEXTER COMMUNICATIONS, INC.** [KR/KR]; 404-1 Baekhyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-420 (KR).

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

(72, 75) **PARK, Sin-Yul** [KR/KR]; No.2-306 Simwoo Yeonlib, 342 Seryu-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-110 (KR). **CHOI, Dong-Hee** [KR/KR]; No.201, 456-10 Homaesil-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-884 (KR). **PARK, Kyung-Keon** [KR/KR]; No.1-105 Kongwoo Apt., 334-5 Yeonghwa-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-819 (KR).

(74) **LEE, Sang-Yong et al.** / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (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 H04N 7/10, 7/025

(11) **WO 03/096693** (13) A1

(21) PCT/US03/14508

(22) **8 May/mai 2003 (08.05.2003)**

(25) en (26) en

(30) 60/379,447 **10 May/mai 2002** US (10.05.2002)

(30) 60/379,445 **10 May/mai 2002** US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TELEVISION SIGNAL RECEIVER CAPABLE OF RECEIVING EMERGENCY ALERT SIGNALS

• RECEPTEUR DE SIGNAUX DE TELEVISION CAPABLE DE RECEVOIR DES SIGNAUX D'ALARME D'URGENCE

(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) **PUGEL, Michael, Antony** [US/US]; 20925 Creek Road, Noblesville, IN 46234 (US). **ECOFF, Clint, Alan** [US/US]; 5836 N. Rural Street, Indianapolis, IN 46220 (US). **BRIDGE, Michael, Alan** [US/US]; 8905 Providence Drive, Noblesville, IN 46060 (US).

(74) **TRIPOLI, Joseph, S et al.** / etc.; c/o Thomson 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 7/167, H04B 1/69

(11) **WO 03/096694** (13) A1

(21) PCT/US03/14205

(22) **5 May/mai 2003 (05.05.2003)**

(25) en (26) en

(30) 60/378,509 **7 May/mai 2002** US (07.05.2002)

(30) 60/378,170 **13 May/mai 2002** US (13.05.2002)

(30) 10/187,640 **1 Jul/juil 2002** US (01.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • GENERATION OF USER EQUIPMENT IDENTIFICATION SPECIFIC SCRAMBLING CODE FOR THE HIGH SPEED SHARED CONTROL CHANNEL

• PRODUCTION D'UN CODE DE CHIFFREMENT SPÉCIFIQUE D'IDENTIFICATION D'ÉQUIPEMENT UTILISATEUR POUR CANAL DE SIGNALISATION PARTAGÉ À GRANDE VITESSE

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) **DICK, Stephen, G.**; 61 Bobann Drive, Nesconset, NY 11767 (US). **BOLOURCHI, Nader**; 20 Bonnie Way, Larchmont, NY 10538 (US). **SHIN, Sung-Hyuk**; 1531 8th Street, Fort Lee, NJ 07024 (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 H04N 7/173, 5/775, 7/10

(11) **WO 03/096695** (13) A1

(21) PCT/IB03/01747

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(30) 0210488.3 **8 May/mai 2002** GB (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CONTROL OF AN AV CONTENT SOURCE COMPONENT BY AN AV CONTENT SINK COMPONENT

• COMMANDE D'UN COMPOSANT SOURCE DE CONTENU AUDIOVISUEL PAR UN COMPOSANT RECEPTEUR DE CONTENU AUDIOVISUEL

(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) **WOOLGAR, David, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WHITE, Andrew, G.**; 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 H04N 7/18

(11) **WO 03/096696** (13) A1

(21) PCT/IT03/00268

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(30) RM2002A000256 **9 May/mai 2002** IT (09.05.2002)

(30) NA2002A000067 **21 Nov/nov 2002** IT (21.11.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PORTABLE VIDEOINTERCOM SET

• POSTE D'INTERCOMMUNICATION VIDEO PORTABLE

(71) **CASTALDO - ELETTRONICA & TELECOMUNICAZIONI** [IT/IT]; Via Piave n°27, I-80026 Casoria (Napoli) (IT).

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

(72, 75) **CASTALDO, Carlo** [IT/IT]; Via Pio La Torre n°1, I-80021 Afragola (Napoli) (IT).

(74) **ADDEO, Teresa, Paola**; Via San Giacomo dei Capri n°48, I-80128 Napoli (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 H04N 7/18

(11) WO 03/096697 (13) A1

(21) PCT/KR02/00521

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(30) 2002/15914 23 Mar/mar 2002 KR
(23.03.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR A
TRACKING STEREO TARGET

• PROCEDE ET APPAREIL POUR LA
POURSUITE D'OBJETS STEREO

(71) MAXSOFT CO., LTD. [KR/KR]; 1006
Seoulventuretown, 679-5 Yeoksam-dong,
Gangnam-gu, Seoul 135-080 (KR).

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

(71, 72) KIM, Eun-Soo [KR/KR]; Gwangwoon
University school of Electronics Engineer-
ing, 447-1 Wolgye-dong, Nowon-gu, Seoul
139-050 (KR).

(72, 75) KO, Jung-Hwan [KR/KR]; 104
Gadong, Chungyoung villa, Mukhyeon-ri,
Hwado-eup, Namyangju-si, Gyeonggi-do
472-846 (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
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 : (b)

(51)⁷ H04N 7/24

(11) WO 03/096698 (13) A1

(21) PCT/EP03/04876

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 02010591.2 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND/OR SYSTEM FOR
TRANSFERRING/RECEIVING AU-
DIO AND/OR VIDEO SIGNALS AND
MINIMIZING DELAY TIME OVER
INTERNET NETWORKS AND RELAT-
ING APPARATUSES

• PROCEDE ET/OU SYSTEME SER-
VANT A EMETTRE/RECEVOIR DES
SIGNAUX AUDIO ET/OU VIDEO ET A
REDUIRE AU MINIMUM LE TEMPS

D'ATTENTE SUR DES RESEAUX IN-
TERNET ET DISPOSITIFS ASSOCIES

(71) MAYAH COMMUNICATIONS GMBH
[DE/DE]; Am Soeldnermoos 17, 85399 Hall-
bergmoos (DE).

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

(72, 75) WIESE, Detlef [DE/DE]; Erlenweg
1A, 85354 Freising (DE). RIMKUS, Joerg
[DE/DE]; Fruerlunderbogen 11, 24943 Flens-
bug (DE).

(74) DINI, Roberto; Via Castagnole, 59, I-10060
None (IT).

(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 H04N 7/24, 5/00

(11) WO 03/096699 (13) A1

(21) PCT/IB03/02369

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 02291177.0 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD OF PROVID-
ING MEDIA CONTENT

• SYSTEME ET PROCEDE DE FOURNI-
TURE DE CONTENU DE MEDIAS

(71) CANAL + TECHNOLOGIES [FR/FR]; 34,
Place Raoul Dautry, F-75906 Paris Cedex 15
(FR).

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

(72, 75) BACHET, Franck [FR/FR]; c/o
Canal + Technologies, 34, place Raoul
Dautry, F-75906 Paris Cedex 15 (FR).
FREZAL-HUGONET, Claire [FR/FR];
c/o Canal + Technologies, 34, Place Raoul
Dautry, F-75906 Paris Cedex 15 (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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04N 7/26, 7/50, 7/36

(11) WO 03/096700 (13) A1

(21) PCT/JP03/05838

(22) 9 May/mai 2003 (09.05.2003)

(25) en

(26) en

(30) 10/141,742 9 May/mai 2002 US
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DECODING VIDEO
ENCODED AS COMPRESSED BIT-
STREAM ENCODED AS A PLURAL-
ITY OF BLOCKS

• PROCEDE DE DECODAGE DE VIDEOS
COMPRIMEES PAR STOCKAGE DES
COEFFICIENTS DE DCT DANS UNE
MEMOIRE DE TRAMES

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(72) PORIKLI, Fatih, M.; 405 Grove Street Apt
4-B, North Plainfield, NJ 07060 (US). SUN,
Huifang; 571 Central Avenue, Murray Hill,
NJ 07974 (US).

(74) SOGA, Michiharu et al. / etc.; S. Soga
& Co., 8th Floor, Kokusai Building, 1-1,
Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-0005 (JP).

(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 H04N 7/26, G06T 5/50

(11) WO 03/096701 (13) A1

(21) PCT/US03/03909

(22) 11 Feb/fév 2003 (11.02.2003)

(25) en (26) en

(30) 10/141,321 8 May/mai 2002 US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD OF SIMU-
LATED IMAGE RECONSTRUCTION

• SYSTEME ET PROCEDE DE RECONS-
TRUCTION D'IMAGES SIMULEES

(71) LOCKHEED MARTIN CORPORATION
[US/US]; 6801 Rockledge Drive, Bethesda,
MD 20817 (US).

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

(71, 72) RUSZKOWSKI, Robert, A, JR.
[US/US]; 922 Cat Hollow Court, Keller,
TX 76248 (US).

(74) JEANG, Wei, Wei et al. / etc.; Munsch Hardt
Kopf & Harr, P.C., 4000 Fountain Place, 1445
Ross Avenue, Dallas, TX 75202-2790 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU 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 H04N 9/07

(11) WO 03/096702 (13) A1

(21) PCT/JP03/05596

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(30) 2002-132683 8 May/mai 2002 JP
(08.05.2002)(30) 2002-294490 8 Oct/oct 2002 JP
(08.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • IMAGE SIGNAL PROCESSING DEVICE, IMAGE SIGNAL PROCESSING CIRCUIT, IMAGE SIGNAL PROCESSING METHOD, PROGRAM, AND RECORDING MEDIUM

- DISPOSITIF DE TRAITEMENT DE SIGNAUX D'IMAGES, CIRCUIT DE TRAITEMENT DE SIGNAUX D'IMAGES, PROCÉDE DE TRAITEMENT DE SIGNAUX D'IMAGES, PROGRAMME ET SUPPORT D'ENREGISTREMENT

(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) TANIZOE, Yukihiro [JP/JP]; 33-12-201, Kamishima-cho, Kadoma-shi, Osaka 571-0071 (JP). YAMAMOTO, Yasutoshi [JP/JP]; 1-5-19, Nakanoshiba, Kuzuha, Hirakata-shi, Osaka 571-1101 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (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).

Published / Publiée : (c)

(51)⁷ H04N 9/31, G02B 27/10

(11) WO 03/096703 (13) A1

(21) PCT/US02/39682

(22) 11 Dec/déc 2002 (11.12.2002)

(25) en (26) en

(30) 60/378,879 8 May/mai 2002 US
(08.05.2002)(30) 10/213,505 6 Aug/août 2002 US
(06.08.2002)(30) 10/310,383 5 Dec/déc 2002 US
(05.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLOR MANAGEMENT SYSTEM

- SYSTEME DE GESTION DE COULEURS

(71) ADVANCED DIGITAL OPTICS, INC. [US/US]; 822 Hampshire Road, Unit E, Westlake Village, CA 91361 (US).

(72) PENTICO, Clark; 290 Granite Street, Simi Valley, CA 93065 (US). NEWELL, Michael; 196 Colt Lane, Thousand Oaks, CA 91361 (US).

(74) SOBELMAN, Howard I.; Snell & Wilmer, L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW 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 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 H04N 9/31

(11) WO 03/096704 (13) A1

(21) PCT/US03/14887

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,879 8 May/mai 2002 US
(08.05.2002)(30) 10/213,505 6 Aug/août 2002 US
(06.08.2002)(30) 10/310,383 5 Dec/déc 2002 US
(05.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLOR MANAGEMENT SYSTEM HAVING A TRANSMISSIVE SPATIAL LIGHT MODULATOR AND OPTICAL ISOLATOR

- SYSTEME DE GESTION DE COULEURS PRESENTANT UN MODULEUR DE LUMIERE SPATIALE TRANSMISSIBLE, ET ISOLATEUR OPTIQUE

(71) ADVANCED DIGITAL OPTICS, INC. [US/US]; 822 Hampshire Road, Unit E, Westlake Village, CA 91361 (US).

(72) NEWELL, Michael Dr.; 196 Colt Lane, Thousand Oaks, CA 91361 (US). PENTICO, Clark; 290 Granite Street, Simi Valley, CA 93065 (US).

(74) SOBELMAN, Howard I.; Snell & Wilmer LLP, One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/31

(11) WO 03/096705 (13) A1

(21) PCT/US03/14888

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/378,879 8 May/mai 2002 US
(08.05.2002)(30) 10/213,505 6 Aug/août 2002 US
(06.08.2002)(30) 10/310,383 5 Dec/déc 2002 US
(05.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COLOR MANAGEMENT SYSTEM HAVING A FIELD LENS

- SYSTEME DE GESTION DE COULEURS PRESENTANT UN VERRE DE CHAMP

(71) ADVANCED DIGITAL OPTICS, INC. [US/US]; 822 Hampshire Road, Unit E, Westlake Village, CA 91361 (US).

(72) NEWELL, Michael Dr.; 196 Colt Lane, Thousand Oaks, CA 91361 (US). PENTICO, Clark; 290 Granite Street, Simi Valley, CA 93065 (US).

(74) SOBELMAN, Howard I.; Snell & Wilmer LLP, One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/64

(11) WO 03/096706 (13) A1

(21) PCT/JP03/05490

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(30) 2002-132819 8 May/mai 2002 JP
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SIGNAL PROCESSING DEVICE AND METHOD, RECORDING MEDIUM, AND PROGRAM

- DISPOSITIF ET PROCÉDE DE TRAITEMENT DE SIGNAUX, SUPPORT D'ENREGISTREMENT 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) KONDO, Tetsujiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). CHIKAOKA, Shizuo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMAMOTO, Sakon [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.

(51)⁷ H04Q

(11) WO 03/096707 (13) A2

(21) PCT/IB03/01755

(22) 6 May/mai 2003 (06.05.2003)

- (25) en (26) en
- (30) 60/379,917 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • HSDPA CQI, ACK, NACK POWER OFFSET KNOWN IN NODE B AND IN SRNC
- DECALAGE DE PUISSANCE HSDPA CQI, ACK ET NACK CONNU DANS NOEUD B ET DANS SRNC
- (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) HWANG, Woonhee; Tallbergin puistotie 1 C 25, FIN-00200 Helsinki (FI).
- (74) MAGUIRE, Francis, J. et al. / etc.; WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON LLP, 755 Main Street, PO 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 H04Q
- (11) WO 03/096708 (13) A2
- (21) PCT/US03/13440
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (30) 10/139,867 **6 May/mai 2002** US
(06.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • INTERFERENCE-EFFICIENT METHOD AND APPARATUS TO PROVIDE CDMA SERVICES
- APPAREIL ET PROCEDE EFFICACES EN MATIERE D'INTERFERENCES DESTINES AUX SERVICES AMRC
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) HARRIS, John, M.; 1108 W. Dickens Avenue, #2, Chicago, IL 60614 (US).
- (74) JACOBS, Jeffrey, K. 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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
- (11) WO 03/096710 (13) A2
- (21) PCT/US03/15038
- (22) 13 May/mai 2003 (13.05.2003)
- (25) en (26) en
- (30) 60/378,161 **13 May/mai 2002** US
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • RESOURCE ALLOCATION TO USERS IN SLOTTED CODE DIVISION MULTIPLE ACCESS SYSTEMS USING BEAMS
- ATTRIBUTION DE RESSOURCES A DES UTILISATEURS DANS DES SYSTEMES A ACCES MULTIPLE PAR REPARTITION DE CODE (AMRC) A INTERVALLES DE TEMPS DONT LE FONCTIONNEMENT EST ASSURE PAR FAISCEAUX
- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) ZEIRA, Eldad; 239 West Neck Road, Huntington, NY 11743 (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 3/00
- (11) WO 03/096711 (13) A1
- (21) PCT/DE03/01398
- (22) 30 Apr/avr 2003 (30.04.2003)
- (25) de (26) de
- (30) 102 20 338.5 **7 May/mai 2002** DE
(07.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • METHOD FOR DETECTING CALLS AND CORRESPONDING UNITS
- PROCEDE POUR DETECTER DES APPELS ET UNITES ASSOCIEES
- (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).
- (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).
- Published / Publiée : (c)
-
- (51)⁷ H04Q 7/00, H04L 12/28, 12/56
- (11) WO 03/096712 (13) A1
- (21) PCT/US03/14187
- (22) 7 May/mai 2003 (07.05.2003)
- (25) en (26) en
- (30) 60/379,828 **10 May/mai 2002** US
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM FOR PERMITTING CONTROL OF THE PURGING OF A NODE B BY THE SERVING RADIO NETWORK CONTROLLER

• SYSTEME PERMETTANT DE COMMANDER LA PURGE D'UN NOEUD B PAR LE BIAIS D'UN DISPOSITIF DE COMMANDE DE RESEAU RADIO DE SERVICE

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) TERRY, Stephen, E.; 15 Summit Avenue, Northport, NY 11768 (US). CHAO, Yi-Ju; 305 Maplewood Road, Huntington Station, NY 11746 (US). 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).

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(51)⁷ H04Q 7/20, H04J 3/22

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(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/141,878 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR SEPARATING CONTROL INFORMATION AND USER DATA FROM MULTICAST AND BROADCAST SERVICES

• PROCEDE ET SYSTEME PERMETTANT DE SEPARER DES INFORMATIONS DE COMMANDE ET DES DONNEES D'UTILISATEUR A PARTIR DE SERVICES DE MULTIDIFFUSION ET DE DIFFUSION

(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) SARKKINEN, Sinikka; Kisallinkuja 5, FIN-36200 Kangasala (FI). KOULAKIOTIS, Dimitris; 25 Riven Court, 143 Inverness Terrace, Bayswater, London W2 6JA (GB).

(74) BRUNDIDGE, Carl, I.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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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(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 10/141,128 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A SYSTEM AND METHOD FOR CONNECTING MULTICAST OR BROADCAST CONTROL INFORMATION TO MOBILE STATIONS

• SYSTEME ET PROCEDE PERMETTANT DE CONNECTER DES INFORMATIONS DE COMMANDE DE MULTIDIFFUSION OU DE DIFFUSION A DES STATIONS MOBILES

(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) SARKKINEN, Sinikka; Kisallinkuja 5, FIN-36200 Kangasala (FI). KETTUNEN, Kimmo; Uudenkylänmäki 23 B 3, FIN-02750 Espoo (FI).

(74) BRUNDIDGE, Carl, I.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 H04Q 7/20, G06F 15/00

(11) WO 03/096715 (13) A1

(21) PCT/KR03/00898

(22) 6 May/mai 2003 (06.05.2003)

(25) ko (26) en

(30) 10-2002-0026271 13 May/mai 2002 KR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BILLING AGENCY SYSTEM AND METHOD USING MOBILE TERMINAL

• SYSTEME D'AGENCE DE FACTURATION ET PROCEDE COMPRENANT L'UTILISATION D'UN TERMINAL MOBILE

(71) SK TELECOM CO., LTD. [KR/KR]; 99, Seorin-dong, Jongro-gu, Seoul 110-110 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PACK, Ji-Hyun [KR/KR]; 436-15, Mangu 3-dong, Jungnang-gu, Seoul 131-233 (KR). KANG, Jin-Ho [KR/KR]; #338-107, Jugong Apt., 3 Danji, Banpo 1-dong, Seocho-gu, Seoul 137-041 (KR). KIM, Se-Hyun [KR/KR]; #141-50, Nokbeon-dong, Eunpyeong-gu, Seoul 122-020 (KR). SHIN, Hoon-Sub [KR/KR]; #135-502, Daerim Apt., Haengdang 2-dong, Seongdong-gu, Seoul 133-072 (KR).

(74) KIM, Seong-Nam et al. / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (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).

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(25) en (26) en

(30) 10/140,035 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • COMMUNICATION DEVICES WITH APPLICATION SHORTCUT KEYS AND METHODS THEREFOR

• DISPOSITIFS DE TELECOMMUNICATION PRESENTANT DES RACCOURCIS CLAVIER ET PROCEDES ASSOCIES

(71) MOTOROLA INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) WALSTON, Douglas; 66 Oak Ridge Lane, Deer Park, IL 60010 (US). JOBLING, Jeremy; 1159 Mount Vernon Drive, Grayslake, IL 60030 (US).

(74) BOWLER, Roland K. et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW 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 7/20

(11) WO 03/096717 (13) A1

(21) PCT/US03/13876

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(30) 60/378,718 6 May/mai 2002 US (06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR REDUCING MESSAGE INSTANCES

• PROCEDE ET SYSTEME PERMETTANT DE REDUIRE LES INSTANCES DE MESSAGES

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 3000 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) TERRY, Stephen, E.; 15 Summit Avenue, Northport, NY 11768 (US). GOLDBERG, Steven, Jeffrey; 1017 Chiswell Drive, Downton, PA 19335 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., United Plaza, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04B 7/212, 7/216

(11) WO 03/096718 (13) A1

(21) PCT/US03/14801

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,375 8 May/mai 2002 US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CHANNEL RECONNECTION SYSTEM AND METHOD

• CHANNEL RECONNECTION SYSTEM AND METHOD

(71) VIA TELECOM, INC. [US/US]; 3390 Carmel Mountain Road, San Diego, CA 92121 (US).

(72) LEE, Anthony; 14843 Gable Ridge Road, San Diego, CA 92128 (US).

(74) SCHMITT, Ross, A. 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04L 12/56

(11) WO 03/096719 (13) A1

(21) PCT/FI03/00348

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 0210267.1 7 May/mai 2002 GB (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR ENSURING ADDRESS INFORMATION OF A WIRELESS TERMINAL DEVICE IN COMMUNICATIONS NETWORK

• PROCEDE ET APPAREIL POUR ASSURER DES INFORMATIONS D'ADRESSE D'UN DISPOSITIF TERMINAL SANS FIL DANS UN RESEAU DE COMMUNICATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) BUSH, Anton; 37 Dallas York Road, Nottingham NG9 2EZ (GB). HAVERINEN, Henry; Arkkitechdinkatu 15 A 3, FIN-33720 Tampere (FI). RINNEMAA, Jyri; Kaiturinkatu 16 A 5, FIN-33820 Tampere (FI). SMITH, Mike; 35 Ramp-ton End, Willingham, Cambridge CB4 5JB (GB). TAKAMÄKI, Timo; Helaraitti 1 B, FIN-33720 Tampere (FI). TUOMI, Jukka; Marjatankatu 13, FIN-33730 Tampere (FI). TUOMINEN, Hannu; Forsellesintie 1-3 C 2, Fin-02700 Kauniainen (FI).

(74) PATENT AGENCY PITKÄNEN OY; P.O.Box 1188, FIN-70211 Kuopio (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 UZ VC VN YU ZA ZM ZW.

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

(11) WO 03/096720 (13) A2

(21) PCT/FR03/01452

(22) 12 May/mai 2003 (12.05.2003)

(25) fr (26) fr

(30) 02/05859 13 May/mai 2002 FR (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD FOR MANAGING ACCESS TO A PROTECTED DIGITAL CONTENT TRANSMITTED TO A MOBILE TERMINAL

• SYSTEME ET PROCEDE DE GESTION D'ACCES A UN CONTENU NUMERIQUE PROTEGE TRANSMIS VERS UN TERMINAL MOBILE

(71) ORANGE FRANCE [FR/FR]; 41-45, boulevard Romain Rolland, F-92120 Montrouge (FR).

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

(72, 75) COUREAU, Laurent [FR/FR]; 5, Rue Jules Hardouin Mansart, F-91420 Morangis (FR).

(74) LEMOYNE, Didier; France Telecom T & I/PIV/PI, 38-40, rue du Général Leclerc, F-92794 Issy Moulineaux 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 7/22, 7/38

(11) WO 03/096721 (13) A1

(21) PCT/IB03/01631

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) 60/379,189 9 May/mai 2002 US (09.05.2002)

(30) 10/324,521 19 Dec/déc 2002 US (19.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND EQUIPMENT FOR CONTROLLING THE STATES OF A MOBILE STATION UPON CALL RELEASE

• PROCEDE ET EQUIPEMENT PERMETTANT DE COMMANDER LES ETATS

D'UNE STATION MOBILE LORS DE LA LIBERATION D'UNE COMMUNICATION

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).

(72) JANG, Ke-Chi; 7017 Stoddard Lane, Plano, TX 75025 (US). WANG, Chung-Ching; 756 Player Drive, Plano, TX 75025 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04L 29/06, H04Q 7/32

(11) WO 03/096722 (13) A1

(21) PCT/US03/14443

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 10/144,189 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM FOR PERFORMING THE TRANSFER OF PROVISIONING DATA IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER LE TRANSFERT D'APPROVISIONNEMENT DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) HSU, Raymond, T.; 17775 Pennacook Court, San Diego, CA 92127 (US). UCHIDA, Nobuyuki; 8520 Costa Verde Boulevard, #3109, San Diego, CA 92122 (US). PAREKH, Nileskumar, J.; 12343 Caminito Mirada, 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).

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(21) PCT/CN03/00344

(22) 12 May/mai 2003 (12.05.2003)

(25) zh (26) zh

(30) 02117648.5 10 May/mai 2002 CN (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM OF REPLACING SMART CARD

• PROCEDE ET SYSTEME DE REMPLACEMENT D'UNE CARTE A PUCE

(71) SCHLUMBERGERSEMA (BEIJING) INFORMATION TECHNOLOGY CO., LTD. [CN/CN]; Rm. 502-505, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN).

(only for / seulement pour CN)

(71) SCHLUMBERGER SYSTEMES [FR/FR]; 50 Avenue Jean-Jaures, 92120 Montrouge (FR).

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

(72, 75) LEE, Ping [US/CN]; 6th Floor, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN). WU, Xu [US/JP]; Schlumberger K., K., 2-2-1 Fuchinobe, Sagami-hara-Shi, Kanagawa-Ken 229-0006 (JP). COLLOMB, Cedric [FR/CN]; 6th Floor, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN). CHOI, Simon [SG/CN]; 6th Floor, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN). CAO, Hongwei [CN/CN]; 6th Floor, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN). WU, Jian [CN/CN]; 6th Floor, Lido Office Tower, Lido Place, Jichang Road, Beijing 100004 (CN).

(74) LIU, SHEN & ASSOCIATES; A0601, Huibin Building No. 8, Beichen Dong Street, Chaoyang, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096724 (13) A1

(21) PCT/EP02/12677

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 02010433.7 8 May/mai 2002 EP (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND DEVICE FOR THE AUTOMATIC CONFIGURATION OF A GPRS TERMINAL

• PROCEDE ET DISPOSITIF DE CONFIGURATION AUTOMATIQUE DE TERMINAL GPRS

(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) BLECKERT, Peter [SE/SE]; Stigbergsvägen 3, S-752 42 Uppsala (SE). LUNDIN, Niklas [SE/SE]; Olbersgatan 6b, S-416 55 Göteborg (SE).

(74) TONSCHEIDT, Andreas; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (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 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).

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 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 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 12/24

(11) WO 03/096725 (13) A1

(21) PCT/IB03/01537

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(30) 02076831.3 7 May/mai 2002 EP (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TELECOMMUNICATION SYSTEM WITH MESSAGE BASED CONTROL

• SYSTEME DE TELECOMMUNICATION AVEC COMMANDE A BASE DE MESSAGE

(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) YULE, David, C. [GB/NL]; 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).

(51)⁷ H04Q 7/32

(11) WO 03/096726 (13) A2

(21) PCT/US03/14013

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 60/378,833 8 May/mai 2002 US (08.05.2002)

(30) 10/208,965 31 Jul/juil 2002 US (31.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR USE IN SECURING AN ELECTRONIC DEVICE SUCH AS A CELL PHONE

• PROCEDE ET APPAREIL DESTINES A SECURISER UN DISPOSITIF ELECTRONIQUE TEL QU'UN TELEPHONE CELLULAIRE

(71) ANALOG DEVICES, INC. [US/US]; One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).

(72) SOERENSEN, Joern; Blaerevej 35, DK-9600 Aars (DK). BIRK, Palle; Kronen 34, DK-9260 Gistrup (DK). BOUTAUD, Frederic; 75 Marsh Street, Belmont, MA 02478 (US).

(74) HENRY, Steven, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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).

(51)⁷ H04Q 7/32

(11) WO 03/096727 (13) A1

(21) PCT/US03/15196

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 60/380,406 13 May/mai 2002 US (13.05.2002)

(30) 60/390,373 20 Jun/juin 2002 US (20.06.2002)

(30) 10/254,143 24 Sep/sep 2002 US (24.09.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SUBSCRIBER STATION WITH DYNAMIC MULTI-MODE SERVICE ACQUISITION CAPABILITY

• STATION D'ABONNE PRESENTANT UNE CAPACITE MULTIMODE DYNAMIQUE D'ACQUISITION DE SERVICES

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) HUTCHISON, James A.; 2013 Cardinal Drive, San Diego, CA 92123 (US). COOPER, Rotem; 5795 Mosswood Cove, San Diego, CA 92130 (US). WILLIAMSON, Paul T.; 5331 Channing Street, San Diego, CA 92117 (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 H04Q 7/32

(11) WO 03/096728 (13) A1

(21) PCT/US03/15197

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 10/144,972 13 May/mai 2002 US (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SELECTIVE PROCESSING OF THE COMMON CONTROL CHANNEL

• TRAITEMENT SELECTIF DU CANAL DE GESTION COMMUN

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) NAGPAL, Vikas; 128 Via Morella, Encinitas, CA 92024 (US). GRILLI, Francesco; 5350 Toscana Way #402, San Diego, CA 92122-5663 (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 H04Q 7/34

(11) WO 03/096729 (13) A1

(21) PCT/IE03/00066

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 020367 8 May/mai 2002 IE (08.05.2002)

(30) 020674 13 Aug/août 2002 IE (13.08.2002)

(30) 020798 4 Oct/oct 2002 IE (04.10.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TELECOMMUNICATIONS NETWORK SUBSCRIBER EXPERIENCE MEASUREMENT

• MESURE D'EXPERIENCE D'ABONNE A UN RESEAU DE TELECOMMUNICATIONS

(71) ARAN COMMUNICATIONS LIMITED [IE/IE]; Blackrock Business Park, Carysfort Avenue, Blackrock, County Dublin (IE).

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

(72, 75) BECK, Philip, William [IE/IE]; 18 Domville Grove, Killiney, County Dublin (IE). COLLINS, Augustine [IE/IE]; The Haven, Walterstown, Kildare, County Kildare (IE). MCDONAGH, Brendan [IE/IE]; 67 Maxwell Road, Rathmines, Dublin 6 (IE). MORRISROE, Thomas [IE/IE]; Cloonlunney, Church Road, Greystones, County Wicklow (IE).

(74) O'BRIEN, John; John A O'Brien & Associates, Duncairn House, 3rd floor, 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).

(51)⁷ H04Q 7/36

(11) WO 03/096730 (13) A1

(21) PCT/FI02/00390

(22) 7 May/mai 2002 (07.05.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ADAPTIVE RELEASE/INACTIVITY TIMER FOR CONTROLLING NON REAL-TIME DATA CONNECTION RESOURCES IN A MOBILE COMMUNICATION NETWORK

• TEMPORISATEUR DE LIBERATION/INACTIVITE ADAPTATIF POUR LE CONTROLE DE RESSOURCES DE CONNEXION DE DONNEES EN TEMPS REEL DANS UN RESEAU DE COMMUNICATION MOBILE

(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) **SILLASTO, Eero** [FI/FI]; Meritullinkatu 32 B 12, FIN-00170 Helsinki (FI). **KOLA, Tero** [FI/FI]; Pohjoiskaari 10 B 14, FIN-00200 Helsinki (FI).

(74) **PAPULA OY**; P. O. Box 981, (Fredrikinkatu 61 A), FIN-00101 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 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).

(51)⁷ **H04Q 7/36**

(11) **WO 03/096731** (13) A1

(21) PCT/JP02/04585

(22) **10 May/mai 2002 (10.05.2002)**

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MOBILE COMMUNICATION SYSTEM, BASE STATION AND MOBILE STATION

• SYSTEME DE COMMUNICATION MOBILE, STATION DE BASE ET STATION MOBILE

(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) **WAKABAYASHI, Hideji** [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 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 **H04Q 7/38**

(11) **WO 03/096732** (13) A1

(21) PCT/EP03/04751

(22) **6 May/mai 2003 (06.05.2003)**

(25) de (26) de

(30) 102 20 736.4 **8 May/mai 2002 (08.05.2002)** DE

(30) 02010435.2 **8 May/mai 2002 (08.05.2002)** EP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR REGISTERING A MOBILE COMMUNICATIONS DEVICE FOR A RADIO COVERAGE AREA OF A MOBILE RADIO SYSTEM AND CORRESPONDING MOBILE RADIO SYSTEM

• PROCEDE POUR ENREGISTRER UN DISPOSITIF DE COMMUNICATION MOBILE POUR UNE ZONE RADIO DESSERVIE D'UN SYSTEME DE RADIOTELEPHONIE MOBILE ET SYSTEME DE RADIOTELEPHONIE MOBILE CORRESPONDANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **ULRICH, Thomas** [DE/DE]; Rudolf-Bart-Siedlung 11, 67098 Bad Dürkheim (DE). **SCHNIEDENHARN, Jörg** [DE/DE]; An der Havel Spitze 23, 13587 Berlin (DE). **VON BRAND, Achim** [DE/DE]; Am Eschbichl 7A, 81929 München (DE). **GESSNER, Christina** [DE/DE]; Hansastr. 110A, 81373 München (DE). **HOFMANN, Jürgen** [DE/DE]; Herbstgasse 15, 86504 Merching (DE). **TRAYNARD, Jean-Michel** [FR/DE]; Spicherenstr. 14, 81667 München (DE). **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 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 **H04Q 7/38, 11/04, H04B 7/02**

(11) **WO 03/096733** (13) A1

(21) PCT/IB02/01606

(22) **8 May/mai 2002 (08.05.2002)**

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND NETWORK NODE FOR SELECTING A COMBINING POINT

• PROCEDE ET NOEUD DE RESEAU POUR SELECTIONNER UN POINT DE COMBINAISON

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). **TANG, Haitao** [CN/FI]; Kytösuontie 9 as 1, FIN-00300 Helsinki (FI).

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

(72, 75) **LAKKAKORPI, Jani** [FI/FI]; Hakolahdentie 3 A 3, FIN-00200 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 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 **H04Q 7/38, 11/04, H04B 7/02**

(11) **WO 03/096734** (13) A1

(21) PCT/IB02/02217

(22) **14 Jun/juin 2002 (14.06.2002)**

(25) en (26) en

(30) PCT/IB02/01606 **8 May/mai 2002 (08.05.2002)** IB

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND NETWORK NODE FOR SELECTING A COMBINING POINT

• PROCEDE ET NOEUD DE RESEAU POUR CHOISIR UN POINT DE COMBINAISON

(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) **TANG, Haitao** [CN/FI]; Kytösuontie 9 as 1, FIN-00300 Helsinki (FI). **LAKKAKORPI, Jani** [FI/FI]; Hakolahdentie 3 A 3, FIN-00200 Helsinki (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 **H04Q 7/38, 7/22**

(11) **WO 03/096735** (13) A1

(21) PCT/IB03/01536

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

(25) en (26) en

(30) 02076828.9 **7 May/mai 2002 (07.05.2002)** EP

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • WIRELESS COMMUNICATIONS ARRANGEMENTS WITH LOCATION BASED SERVICES

• DISPOSITIFS DE COMMUNICATIONS RADIO AVEC SERVICES BASES SUR LA LOCALISATION

(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) **MELPIGNANO, Diego** [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GENNARI, Fabrizio** [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SIORPAES, David** [IT/IT]; 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).

(51)⁷ **H04Q 7/38**

(11) **WO 03/096736** (13) A1

(21) PCT/IB03/01667

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(30) 60/380,515 **14 May/mai 2002** US (14.05.2002)

(30) 10/326,559 **20 Dec/déc 2002** US (20.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • SYSTEM AND METHOD TO INITIATE RELIABLE RECEPTION ON A PACKET DATA CHANNEL IN A WIRELESS COMMUNICATIONS NETWORK

• SYSTEME ET PROCEDE ASSURANT UNE RECEPTION FIABLE SUR UN CANAL DE PAQUETS DE DONNEES DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(72) **WANG, Chung-Ching**; 756 Player Drive, Plano, TX 75025 (US). **JANG, Ke-Che**; 7017 Stoddard Lane, Plano, TX 75025 (US). **LI, Jun**; 3361 Monroney Drive, Richardson, TX 75082 (US).

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

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

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 7/38**

(11) **WO 03/096737** (13) A1

(21) PCT/JP02/04434

(22) **7 May/mai 2002 (07.05.2002)**

(25) ja (26) ja

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • BASE STATION FOR RADIO COMMUNICATION, RADIO COMMUNICATION METHOD, AND MOBILE STATION

• STATION DE BASE POUR COMMUNICATION RADIO, PROCEDE DE COMMUNICATION RADIO ET STATION MOBILE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **HIRAKI, Hirochika** [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 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 **H04Q 7/38**

(11) **WO 03/096738** (13) A2

(21) PCT/US03/14080

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 10/142,369 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR SUPPORTING APPLICATION-LAYER MEDIA MULTICASTING

• PROCEDE ET APPAREIL DE MULTIDIFFUSION DE MEDIAS A COUCHE APPLICATION

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **CHEN, An Mei**; 9105 Pimpernel Drive, San Diego, CA 92129 (US). **ROSEN, Eric, C.**; 611 Calle Paula, Solana Beach, CA 92075 (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 7/38**

(11) **WO 03/096739** (13) A1

(21) PCT/US03/14081

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 10/144,283 **10 May/mai 2002** US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND APPARATUS FOR A REVERSE LINK SUPPLEMENTAL CHANNEL SCHEDULING

• PROCEDE ET APPAREIL DE PLANIFICATION DE CANAL SUPPLEMENTAIRE DE LIAISON INVERSE

(71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **ACHOUR, Baaziz**; 4215 Camino Sandoval, San Diego, CA 92130 (US). **SINNARAJAH, Ragulan**; 7524 Charmant Drive, Apt. 524, San Diego, CA 92122 (US). **HO, Sai Yiu Duncan**; 11559 Trailbrook Lane, San Diego, CA 92128 (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 **H04Q 11/00, H04J 14/02**

(11) **WO 03/096740** (13) A1

(21) PCT/IB03/01759

(22) **6 May/mai 2003 (06.05.2003)**

(25) en (26) en

(30) 10/141,037 **8 May/mai 2002** US (08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIERARCHICAL SWITCH ARCHITECTURE FOR CORE OPTICAL NETWORKS

• ARCHITECTURE DE COMMUTATION HIERARCHIQUE POUR RESEAUX OPTIQUES CENTRAUX

(71) CEYBA CORP. [CA/CA]; 450 March Road, Kanata, Ontario K2K 3K2 (CA).
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(72, 75) HARNEY, Gordon [CA/CA]; 42 Ironside Court, Ottawa, Ontario K2K 3H6 (CA). GRUBER, John [CA/CA]; 6355 Mattice Avenue, Orleans, Ontario K1C 2G1 (CA). JAKOBIK, Bogdan [CA/CA]; 8 Galaxie, Hull, Québec (CA).

(74) CEYBA CORP.; 450 March Road, Kanata, Ontario K2K 3K2 (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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(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,313 9 May/mai 2002 US (09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUDIO NETWORK DISTRIBUTION SYSTEM

• SYSTEME DE DISTRIBUTION DE RESEAU AUDIO

(71, 72) BRAITHWAITE, Michael [US/US]; 2875 Boldt Street, Las Cruces, NM 88005 (US). CARDENAS, Herman [US/US]; 770 Loma Verde, Las Cruces, NM 88011 (US).

(74) TOUPAL, John, E.; Law Offices of John E. Toupal, 116 Concord Street, Framingham, MA 01702 (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00

(11) WO 03/096742 (13) A1

(21) PCT/FR03/01410

(22) 6 May/mai 2003 (06.05.2003)

(25) fr (26) fr

(30) 02/05741 7 May/mai 2002 FR (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND SYSTEM OF REPRESENTING A SOUND FIELD

• PROCEDE ET SYSTEME DE REPRESENTATION D'UN CHAMP ACOUSTIQUE

(71, 72) BRUNO, Rémy [FR/FR]; 23 avenue Eva Salmon, F-94400 VITRY SUR SEINE (FR). LABORIE, Arnaud [FR/FR]; 24 bis rue Arago, F-94400 VITRY SUR SEINE (FR). MONTTOYA, Sébastien [FR/FR]; 4 rue Gaston Pinot, F-75019 PARIS (FR).

(74) HABASQUE, Etienne 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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(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(30) 20020865 7 May/mai 2002 FI (07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD FOR DESIGNING A MODAL EQUALIZER FOR A LOW FREQUENCY AUDIBLE RANGE ESPECIALLY FOR CLOSELY POSITIONED MODES

• PROCEDE POUR CONCEVOIR UN EGALISEUR MODAL POUR UNE PLAGE AUDIBLE BASSE FREQUENCE POUR DES MODES ETROITEMENT PROCHES

(71) GENELEC OY [FI/FI]; Olvitie 5, FIN-74100 Iisalmi (FI).

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(72, 75) KARJALAINEN, Matti [FI/FI]; Yläkallionrinne 6 C, FIN-02760 Espoo (FI). ANTSAALO, Poju [FI/FI]; Kyösti Kallion tie 10 D 38, FIN-00570 Helsinki (FI). VÄLIMÄKI, Vesa [FI/FI]; Mäenrinne 7 as 3, FIN-02160 Espoo (FI). MÄKIVIRTA, Aki [FI/FI]; Ahvenkuja 3, FIN-73100 Lapinlahti (FI).

(74) SEPPO LAINE 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).

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(22) 12 May/mai 2003 (12.05.2003)

(25) sv (26) en

(30) 0201441-3 10 May/mai 2002 SE (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • MEANS AT ELECTROMAGNETIC VIBRATOR

• ELEMENTS D'UN VIBRATEUR ELECTROMAGNETIQUE

(71) OSSEOFON AB [SE/SE]; Splintvedsgatan 7, S-416 80 Göteborg (SE).

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(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 (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM

AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 03/096745 (13) A1

(21) PCT/US03/14973

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,871 10 May/mai 2002 US (10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • EXTERNAL EAR INSERT FOR HEARING COMPREHENSION ENHANCEMENT

• INSERT AURICULAIRE EXTERIEUR PERMETTANT DE RENFORCER LA COMPREHENSION AUDITIVE

(71, 72) KAH, JR., Carl, L.C. [US/US]; 11517 Turtle Beach Road, Lost Tree, North Palm Beach, FL 33408 (US).

(74) MIRO, Douglas, A. et al. / etc.; Ostrolenk, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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/JP02/09205

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(25) ja (26) ja

(30) 2002-136917 13 May/mai 2002 JP (13.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • AUDIO APPARATUS AND ITS REPRODUCTION PROGRAM

• APPAREIL AUDIO ET SON PROGRAMME DE REPRODUCTION

(71) DIMAGIC CO., LTD. [JP/JP]; Imperial Ochanomizu 801, 3-11-2, Kanda-Ogawamachi, Chiyoda-ku, Tokyo 101-0052 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KAWANA, Kazuhiro [JP/JP]; 571-2, Nedo, Kashiwa-shi, Chiba 277-0831 (JP). SAITO, Toshio [JP/JP]; Shione-no-Machi 4-605, 14-2, Takasu, Urayasu-shi, Chiba 279-0023 (JP). HAMADA, Hareo [JP/JP]; 2-2-16, Sekimae, Musashino-shi, Tokyo 180-0014 (JP). HANAWA, Noriyuki [JP/US]; 16, Williams Lane, Foster City, CA 94404 (US).

(74) KIUCHI, Mitsuharu; 5th Floor, Toranomon-Yoshiara Bldg., 6-13, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (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 H05B

(11) WO 03/096747 (13) A2

(21) PCT/US03/14133

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA HEATING APPARATUS AND METHODS

• APPAREIL ET PROCEDES DE CHAUFFAGE DE PLASMA

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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(72, 75) KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/02, 3/02, 3/06, 3/10, 3/68, F24F 6/00

(11) WO 03/096748 (13) A1

(21) PCT/US02/23500

(22) 19 Jul/juil 2002 (19.07.2002)

(25) en (26) en

(30) 60/379,094 9 May/mai 2002 US (09.05.2002)

(30) Not furnished / non communiqué 18 Jul/juil 2002 US (18.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ILLUMINATING CANDLE WARMING APPARATUS

• APPAREIL CHAUFFE-BOUGIE ECLAIRANT

(71, 72) TANNER, Brent, Robert [US/US]; 3935 Prospector Drive, Salt Lake city, UT 84121 (US). JACOBSEN, Greg, Gerard [US/US]; 66 North Mountain Vistas Road, Kaysville, UT 84037 (US).

(74) JOHNSON, Christopher, L. et al. / etc.; Kirtan & McConkie, 1800 Eagle Gate Plaza, 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 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).

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(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US (08.05.2002)

(30) 60/430,677 4 Dec/déc 2002 US (04.12.2002)

(30) 60/435,278 23 Dec/déc 2002 US (23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA-ASSISTED HEAT TREATMENT

• TRAITEMENT THERMIQUE AU PLASMA

(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).

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(72, 75) KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). DOUGHERTY, Michael, L., Sr. [US/US]; 2255 Greenbriar Drive, Rochester Hills, MI 48306 (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 US UZ VC VN YU ZA ZM ZW.

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

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE 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) 29 Apr/avr 2003 (29.04.2003)

(25) sv (26) en

(30) 0201382-9 7 May/mai 2002 SE
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • DEVICE FOR STABILIZING A MULTI-
LEGGED RESISTOR ELEMENT

• DISPOSITIF DE STABILISATION D'UN
ELEMENT DE RESISTANCE A PLU-
SIEURS PATTES

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(72, 75) JOHANSSON, Lars, Göran [SE/SE];
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(74) ÖRTENBLAD, Bertil et al. / etc.; Noréns
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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 H05B 33/04

(11) WO 03/096751 (13) A1

(21) PCT/IB03/01480

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02076847.9 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROLUMINESCENT PANEL

• PANNEAU ELECTROLUMINESCENT

(71) KONINKLIJKE PHILIPS ELECTRON-
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les États désignés sauf US)

(72, 75) HIKMET, Rifat, A., M. [CY/NL]; Prof.
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(74) DEGUELLE, Wilhelmus, H., G.; Interna-
tionaal Octrooibureau B.V., Prof. Holstlaan
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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 H05B 33/04

(11) WO 03/096752 (13) A1

(21) PCT/IB03/01543

(22) 17 Apr/avr 2003 (17.04.2003)

(25) en (26) en

(30) 02076852.9 10 May/mai 2002 EP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROLUMINESCENT PANEL

• PANNEAU ELECTROLUMINESCENT

(71) KONINKLIJKE PHILIPS ELECTRON-
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(72, 75) HIKMET, Rifat, A., M. [CY/NL];
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(74) DEGUELLE, Wilhelmus, H., G.; interna-
tionaal 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 33/08

(11) WO 03/096753 (13) A1

(21) PCT/DE03/01117

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(30) 102 21 573.1 8 May/mai 2002 DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • CIRCUIT FOR OPERATING A LIGHT
SIGNAL

• ENSEMBLE CIRCUIT DESTINE AU
FONCTIONNEMENT D'UN VOYANT
LUMINEUX

(71) SIEMENS AKTIENGESELLSCHAFT
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(72, 75) COLBERG, Jens [DE/DE]; Ernst-Thäl-
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(81) AU BG CA CN MX NO 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).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AU BG CA CN MX NO
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)

(u) for / pour US only / seulement

(51)⁷ H05B 33/10

(11) WO 03/096754 (13) A1

(21) PCT/JP03/05786

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-134000 9 May/mai 2002 JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PRODUCTION METHOD FOR ELEC-
TROLUMINESCENT ELEMENT

• PROCEDE DE PRODUCTION POUR
UN ELEMENT ELECTROLUMINES-
CENT

(71) DAI NIPPON PRINTING CO., LTD.
[JP/JP]; 1-1, Ichigaya-kagacho 1-chome,
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Ichigaya-kagacho 1-chome, Shinjuku-ku,
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c/o DAI NIPPON PRINTING CO., LTD., 1-1,
Ichigaya-kagacho 1-chome, Shinjuku-ku,
Tokyo 162-8001 (JP).

(74) YAMASHITA, Akihiko et al. / etc.; c/o
TOKYO CENTRAL PATENT FIRM, Oak
Building Kyobashi 4th Floor, 16-10, Ky-
obashi 1-chome, Chuou-ku, Tokyo 104-0031
(JP).

(81) CN KR US.

(51)⁷ H05B 33/10, 33/14, 33/22, C09K 11/06

(11) WO 03/096755 (13) A1

(21) PCT/JP03/05998

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

- (30) 2002-138285 **14 May/mai 2002** JP
(14.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • LUMINESCENT PANEL
• PANNEAU LUMINESCENT
- (71) CASIO COMPUTER CO., LTD. [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKEI, Manabu [JP/JP]; B202, 2-20-5, Hikarigaoka, Sagami-hara-shi, Kanagawa 229-0027 (JP). SHIRASAKI, Tomoyuki [JP/JP]; 1-1425-3-234, Sakuragaoka, Higashiyamato-shi, Tokyo 207-0022 (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 US.
- (84) EP (CH DE FI FR GB NL).

(51)⁷ H05B 33/22, 33/12, 33/10, 33/14

(11) WO 03/096756 (13) A1

(21) PCT/JP03/05659

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-131796 **7 May/mai 2002** JP
(07.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • ELECTROLUMINESCENT ELEMENT AND METHOD FOR FABRICATING THE SAME
• ELEMENT ELECTROLUMINESCENT ET PROCEDE DE FABRICATION DE CET ELEMENT

(71) DAI NIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Norikatsu [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). KOBAYASHI, Yoshihiro [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).

(74) YAMASHITA, Akihiko et al. / etc.; c/o Tokyo Central Patent Firm, Oak Building Kyobashi 4th Floor, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (JP).

(81) CN US.

(51)⁷ H05B 33/22

(11) WO 03/096757 (13) A1

(21) PCT/US03/14600

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) 60/379,141 **8 May/mai 2002** US
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • FEEDBACK ENHANCED LIGHT EMITTING DEVICE
• DISPOSITIF SOURCE DE LUMIERE AYANT UNE MEILLEURE RETRO-REACTION

(71) ZEOLUX CORPORATION [US/US]; 704 228th Street, Sammamish, WA 98704 (US).

(72) MAGNO, John, N.; 7 Renier Court, Middletown, NJ 07748 (US). KOCH, Gene, C.; 85 Cedar Run Road, Bayville, NJ 08721 (US).

(74) PARK, Eunhee et al. / etc.; Baker & McKenzie, 805 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).

Published / Publiée : (c)

(51)⁷ H05B 33/24, 33/26, 33/14

(11) WO 03/096758 (13) A1

(21) PCT/JP03/05796

(22) 8 May/mai 2003 (08.05.2003)

(25) ja (26) ja

(30) 2002-136241 **10 May/mai 2002** JP
(10.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LIGHT EMITTING DEVICE AND ELECTRONIC APPARATUS
• DISPOSITIF ELECTROLUMINESCENT ET APPAREIL ELECTRONIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).

(72) KOBAYASHI, Hidekazu; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). MIYASHITA, Satoru; 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 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 H05B 37/02

(11) WO 03/096759 (13) A1

(21) PCT/US02/10461

(22) 1 Apr/avr 2002 (01.04.2002)

(25) en (26) en

(30) 60/280,217 **30 Mar/mar 2001** US
(30.03.2001)

(30) 60/280,069 **30 Mar/mar 2001** US
(30.03.2001)

(30) 60/280,098 **30 Mar/mar 2001** US
(30.03.2001)

(30) 60/280,422 **30 Mar/mar 2001** US
(30.03.2001)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • HIGH SPEED MODULATION OF ARRAYED LASERS
• MODULATION A GRANDE VITESSE DE LASERS EN RESEAU

(71) SANTUR CORPORATION [US/US]; 40931 Encyclopedia Circle, Fremont, CA 94538 (US).

(72) VAIL, Edward, C.; 40931 Encyclopedia Circle, Fremont, CA 94538 (US). KUBICKY, Jay; 40931 Encyclopedia Circle, Fremont, CA 94538 (US). PEZESHKI, Bardia; 2402 Roosevelt Avenue, Redwood City, CA 94061 (US).

(74) CAVANAGH, Daniel, M.; 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 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 H05B 41/00

(11) WO 03/096760 (13) A1

(21) PCT/IB03/01744

(22) 5 May/mai 2003 (05.05.2003)

(25) en (26) en

(30) 102 20 509.4 **8 May/mai 2002** DE
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND CIRCUIT ARRANGEMENT FOR OPERATING A HIGH-PRESSURE GAS DISCHARGE LAMP
• PROCEDE ET AGENCEMENT DE CIRCUIT DE COMMANDE D'UNE LAMPE A DECHARGE DANS UN GAZ SOUS HAUTE PRESSION

(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) RIEDERER, Xaver [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). DEPPE, Carsten [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). MÖNCH, Holger [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).

(51)⁷ H05B 41/00

(11) WO 03/096761 (13) A1

(21) PCT/US03/14883

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(30) 60/379,079 9 May/mai 2002 US
(09.05.2002)

(30) 60/391,627 26 Jun/juin 2002 US
(26.06.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • LED DIMING CONTROLLER
• GRADATEUR POUR DEL

(71) COLOR KINETICS INCORPORATED
[US/US]; 10 Milk Street, Suite 1100, Boston,
MA 02108 (US).

(72) LYS, Ihor, A.; 1221 Canton Avenue, Mil-
ton, MA 02186 (US). DOWLING, Kevin, J.;
23 Village View Road, Westford, MA 01886
(US). MORGAN, Frederick, M.; 157 Butler
Road, Quincy, MA 02169 (US).

(74) TEJA, Joseph, Jr. et al. / etc.; Lowrie,
Lando & Anastasi, LLP, One Main Street,
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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 41/14, H02M 3/00, H03K 3/30

(11) WO 03/096762 (13) A1

(21) PCT/SG02/00064

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • TRIGGER CIRCUIT FOR AN ELEC-
TRONIC FLASH DEVICE
• CIRCUIT DE DECLenchement
POUR DISPOSITIF FLASH ELEC-
TRONIQUE

(71) PERKINELMER SINGAPORE PTE
LTD. [SG/SG]; 47 Ayer Rajah Crescent,
#06-12, Singapore 139947 (SG).

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

(72, 75) GASTEIER, Manfred, Bernhard
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Tower B1, #07-04, Singapore 128805 (SG).

(74) LAWRENCE Y D HO & ASSOCIATES
PTE LTD; 30 Bideford Road, #07-01,
Thongsia Building, Singapore 229922 (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 H05G 1/26

(11) WO 03/096763 (13) A1

(21) PCT/JP03/05387

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(30) 2002-134488 9 May/mai 2002 JP
(09.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • X-RAY GENERATOR
• GENERATEUR DE RAYONS X

(71) HAMAMATSU PHOTONICS K.K.
[JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi,
Shizuoka 435-8558 (JP).

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

(72, 75) INAZURU, Tutomu [JP/JP]; c/o Hama-
matsu 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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51) H05G 2/00

(11) WO 03/096764 (13) A1

(21) PCT/EP03/04984

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(30) 02076898.2 13 May/mai 2002 EP
(13.05.2002)

(30) 60/398,014 24 Jul/juil 2002 US
(24.07.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • METHOD AND ARRANGEMENT FOR
PRODUCING RADIATION

• PROCEDE ET ARRANGEMENT POUR
PRODUIRE UN RAYONNEMENT

(71) JETTEC AB [SE/SE]; Rådjursvägen 16,
S-182 79 Stocksund (SE).

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

(72, 75) BERGLUND, Magnus [SE/SE]; Olof-
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(SE). HANSSON, Björn [SE/SE]; Wen-
strömsvägen 6, S-115 43 Stockholm (SE).
HEMBERG, Oscar [SE/SE]; Västmannan-
gatan 79, S-113 26 Stockholm (SE). HERTZ,
Hans [SE/SE]; Rådjursvägen 16, S-182 76
Stocksund (SE). RYMELL, Lars [SE/SE];
Smedsbacksgatan 18, S-115 39 Stockholm
(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).

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 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); (t) for the following
designation / pour la désignation suivante : US

(51)⁷ H05H 1/00

(11) WO 03/096765 (13) A2

(21) PCT/US03/13597

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 10/140,618 6 May/mai 2002 US
(06.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • APPARATUS AND METHODS FOR
MINIMIZING ARCING IN A PLASMA
PROCESSING CHAMBER

• DISPOSITIF ET PROCÉDE SERVANT A
REDUIRE AU MINIMUM LA FORMA-
TION D'ARCS DANS UNE CHAMBRE
DE TRAITEMENT PAR PLASMA

(71) LAM RESEARCH CORPORATION
[US/US]; Re: P935, 4650 Cushing Parkway,
Fremont, CA 94538-6470 (US).
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les États désignés sauf US)

(72, 75) HOWALD, Arthur, M. [US/US]; 4233
Cabernet Court, Pleasanton, CA 94566 (US).
KUTHI, Andras [US/US]; 717 Pamela
Wood Street, Thousand Oaks, CA 91320
(US). BAILEY, Andrew, D., III [US/US];
5167 Northway Road, Pleasanton, CA 94566
(US). BERNEY, Butch [US/US]; 8045 Re-
gency Drive, Pleasanton, CA 94588 (US).

(74) NGUYEN, Joseph, A.; IPSG, P.C., 10121
Miller Avenue, Suite 201, Cupertino, CA
95014-3469 (US).

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

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

(51)⁷ H05H 1/00

(11) WO 03/096766 (13) A1

(21) PCT/US03/14132

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)(30) 60/430,667 4 Dec/déc 2002 US
(04.12.2002)(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA CONTROL USING PHASE
AND/OR FREQUENCY OF MULTIPLE
RADIATION SOURCES

• REGULATION DE PLASMA REPO-
SANT SUR L'UTILISATION DE LA
PHASE ET / OU DE LA FREQUENCE
DE SOURCES DE RAYONNEMENT
MULTIPLES

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUMAR, Devendra [US/US]; 850
Rambling Drive, Rochester Hills, MI 48307
(US). KUMAR, Satyendra [IN/US]; 3740
Edenderry Drive, Troy, MI 48083 (US).

(74) GARRETT, Arthur, S.; Finnegan, Hender-
son, Farabow, Garrett & Dunner, L.L.P., 1300
I Street N.W., Washington, D.C. 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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(51)⁷ H05H 1/24

(11) WO 03/096767 (13) A1

(21) PCT/AU03/00549

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(30) PS 2203 8 May/mai 2002 AU
(08.05.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • A PLASMA FORMED IN A FLUID
• FORMATION DE PLASMA DANS UN
FLUIDE

(71, 72) CHANG, Chak, Man, Thomas
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(74) PIZZEYS PATENT AND TRADEMARK
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Queen 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 H05H 1/24

(11) WO 03/096768 (13) A1

(21) PCT/US03/14121

(22) 7 May/mai 2003 (07.05.2003)

(25) en (26) en

(30) 60/378,693 8 May/mai 2002 US
(08.05.2002)(30) 60/430,677 4 Dec/déc 2002 US
(04.12.2002)(30) 60/435,278 23 Dec/déc 2002 US
(23.12.2002)

(43) 20 Nov/nov 2003 (20.11.2003)

(54) • PLASMA ASSISTED DRY PROCESS-
ING

• TRAITEMENT A SEC AU PLASMA

(71) DANA CORPORATION [US/US]; 4500
Dorr Street, Toledo, OH 43615 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DOUGHERTY, Michael, L., Sr.
[US/US]; 2255 Greenbriar Drive, Rochester
Hills, MI 48306 (US). KUMAR, Devendra
[US/US]; 850 Rambling Drive, Rochester
Hills, MI 48307 (US). KUMAR, Satyendra
[IN/US]; 3740 Edenderry Drive, Troy, MI
48083 (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).

(51)⁷ H05H 1/46, H01L 21/3065, 21/205, C23C
14/22, 16/511, B01J 19/12

(11) WO 03/096769 (13) A1

(21) PCT/JP03/05662

(22) 6 May/mai 2003 (06.05.2003)

(25) ja (26) ja

(30) 2002-167850 7 May/mai 2002 JP
(07.05.2002)(30) 2002-167849 7 May/mai 2002 JP
(07.05.2002)(30) 2002-307626 17 Sep/sep 2002 JP
(17.09.2002)(30) 2002-307627 17 Sep/sep 2002 JP
(17.09.2002)(30) 2003-38959 14 Jan/jan 2003 JP
(14.01.2003)

(43) 20 Nov/nov 2003 (20.11.2003)	(30) 60/378,693	8 May/mai 2002 (08.05.2002)	US	1300 I Street, N.W., Washington, DC 20005-3315 (US).
(54) • HIGH FREQUENCY REACTION PROCESSING SYSTEM • SYSTEME DE TRAITEMENT PAR REACTION HAUTE FREQUENCE	(30) 60/430,677	4 Dec/déc 2002 (04.12.2002)	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.
(71, 72) TAKAMATSU, Toshiyuki [JP/JP]; 20-15, Midorigaoka 1-chome, Yachiyo-shi, Chiba 276-0049 (JP).	(30) 60/435,278	23 Dec/déc 2002 (23.12.2002)	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).
(74) FUKUCHI, Takeo; Fukuchi International Patent Firm, 605., Royal Palace Harajuku, 5-4, Jinnan 1-chome, Shibuya-ku, Tokyo 150-0041 (JP).	(43) 20 Nov/nov 2003 (20.11.2003)			Published / Publiée : (c)
(81) CN JP KR US.	(54) • PLASMA GENERATION AND PROCESSING WITH MULTIPLE RADIATION SOURCES • GENERATION DE PLASMA ET TRAITEMENT A L'AIDE DE MULTIPLES SOURCES DE RAYONNEMENT	(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US). (for all designated States except / pour tous les États désignés sauf US)		(51) ⁷ H05H 1/46, H01J 37/32, B23K 10/00
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).	(72, 75) KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US).			(11) WO 03/096773 (13) A1
(51) ⁷ H05H 1/46, 1/00, C23C 16/517, 16/455, 16/452, 14/02, 16/48	(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L., L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).			(21) PCT/US03/14037
(11) WO 03/096770 (13) A1	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT 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) 7 May/mai 2003 (07.05.2003)
(21) PCT/US03/14037	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			(25) en (26) en
(22) 7 May/mai 2003 (07.05.2003)				(30) 60/378,693 8 May/mai 2002 (08.05.2002) US
(25) en (26) en				(30) 60/430,677 4 Dec/déc 2002 (04.12.2002) US
(30) 60/378,693 8 May/mai 2002 (08.05.2002) US				(30) 60/435,278 23 Dec/déc 2002 (23.12.2002) US
(30) 60/430,677 4 Dec/déc 2002 (04.12.2002) US				(43) 20 Nov/nov 2003 (20.11.2003)
(30) 60/435,278 23 Dec/déc 2002 (23.12.2002) US				(54) • PLASMA-ASSISTED COATING • REVETEMENT ASSISTE PAR PLASMA
(43) 20 Nov/nov 2003 (20.11.2003)				(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US). (for all designated States except / pour tous les États désignés sauf US)
(54) • PLASMA-ASSISTED COATING • REVETEMENT ASSISTE PAR PLASMA				(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US).
(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US). (for all designated States except / pour tous les États désignés sauf US)				(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
(72, 75) KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US). KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US).				(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (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).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT 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 H05H 1/46, H01J 37/32
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).				(11) WO 03/096772 (13) A1
(51) ⁷ H05H 1/46, H01J 37/32				(21) PCT/US03/14039
(11) WO 03/096771 (13) A1				(22) 7 May/mai 2003 (07.05.2003)
(21) PCT/US03/14038				(25) en (26) en
(22) 7 May/mai 2003 (07.05.2003)				(30) 60/378,693 8 May/mai 2002 (08.05.2002) US
(25) en (26) en				(30) 60/430,677 4 Dec/déc 2002 (04.12.2002) US
				(30) 60/435,278 23 Dec/déc 2002 (23.12.2002) US
				(43) 20 Nov/nov 2003 (20.11.2003)
				(54) • PLASMA-ASSISTED DECRYSTALLIZATION • DECRISTALLISATION ASSISTEE PAR PLASMA
				(71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US). (for all designated States except / pour tous les États désignés sauf US)
				(72, 75) KUMAR, Satyendra [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). KUMAR, Devendra [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (US).
				(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L., L.P.,

- (30) 60/378,693 **8 May/mai 2002** US
(08.05.2002)
- (30) 60/430,677 **4 Dec/déc 2002** US
(04.12.2002)
- (30) 60/435,278 **23 Dec/déc 2002** US
(23.12.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • PLASMA CATALYST
• CATALYSEUR DE PLASMA
- (71) **DANA CORPORATION** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUMAR, Satyendra** [IN/US]; 3740 Edenderry Drive, Troy, MI 48083 (US). **KUMAR, Devendra** [US/US]; 850 Rambling Drive, Rochester Hills, MI 48307 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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** 1/09, 3/38, **C23C** 28/00, 30/00
- (11) **WO 03/096776** (13) A1
- (21) PCT/JP03/05891
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) ja (26) ja
- (30) 2002-136745 **13 May/mai 2002** JP
(13.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • FLEXIBLE PRINTED WIRING BOARD FOR CHIP-ON-FILM
• CARTE IMPRIMÉE SOUPLE POUR PUCE MONTÉE SUR BANDE
- (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) **OKADA, Kazuyuki** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). **HARA, Yasuji** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). **UCHIYAMA, Akira** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). **TAKAHASHI, Masaru** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP).
- (74) **TANAKA, Daisuke**; No.1 Misawa Bldg., 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).
- (81) CN JP KR US.
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- (51)⁷ **H05K** 3/34
- (11) **WO 03/096777** (13) A2
- (21) PCT/US03/15324
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 60/379,722 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • ADAPTER FOR SURFACE MOUNT DEVICES TO THROUGH HOLE APPLICATIONS
• ADAPTATEUR DE COMPOSANTS DE MONTAGE EN SURFACE DANS DES APPLICATIONS PRÉSENTANT DES TROUS DEBOUCHANTS
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **OLZAK, Richard, A.**; 14263 122nd Avenue N.E., Kirkland, WA 98034 (US). **KHAN, Tehmosp**; 1831 N. 163rd Street, Shoreline, WA 98133 (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).
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- (51)⁷ **H05K** 5/02, 7/18, **G06F** 1/16, **H02G** 3/10
- (11) **WO 03/096778** (13) A1
- (21) PCT/JP02/04660
- (22) **13 May/mai 2002 (13.05.2002)**
- (25) ja (26) ja
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • MECHANISM FOR FIXING NETWORK APPARATUS
• MÉCANISME DE FIXATION D'UN APPAREIL DE RESEAU
- (71) **ALLIED TELESIS KABUSHIKI KAISHA** [JP/JP]; TOC Bldg., 22-17, Nishi-Gotanda 7-chome, Shinagawa-ku, Tokyo 141-8635 (JP).
- (72) **KOBAYASHI, Kohji**; c/o Allied Telesis Kabushiki Kaisha, TOC Bldg., 22-17, Nishi-Gotanda 7-chome, Shinagawa-ku, Tokyo 141-8635 (JP).
- (74) **FUJIMOTO, Ryosuke**; Tokyo ST Bldg., 9th Floor, 9-4, Hatchobori 4-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 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 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 **H05K** 3/34
- (11) **WO 03/096777** (13) A2
- (21) PCT/US03/15324
- (22) **8 May/mai 2003 (08.05.2003)**
- (25) en (26) en
- (30) 60/379,722 **9 May/mai 2002** US
(09.05.2002)
- (43) 20 Nov/nov 2003 (20.11.2003)
- (54) • THERMAL DISSIPATING PRINTED CIRCUIT BOARD AND METHODS
• CARTE DE CIRCUITS IMPRIMÉS A DISSIPATION THERMIQUE ET PROCEDES ASSOCIES
- (71) **FUTURE TECHNOLOGY** [US/US]; 111 Mercury Circle, Pomona, CA 91768 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOTRO, Jeff** [US/US]; Future Technology, 60 Hillrise, Trabuco Canyon, CA 92679 (US). **FERNANDES, Karim** [US/US]; Future Technology, 10802 Hillside Road, Alta Loma, CA 91737 (US).
- (74) **RUTAN & TUCKER LLP et al.** / etc.; 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ